

Cable Accessories Products Overview – Used with Cable Ties

Adhesive Backed Cable Tie Mounts

Pages B2.4 – B2.8

- Uses premium Panduit adhesive for a long-term, reliable bond
- Adhesive backing allows routing of wires and cables where mounting holes cannot be drilled
- Mounts should be used with Panduit cable ties for a complete wire routing solution

Screw Applied Cable Tie Mounts

Pages B2.9 – B2.15

- Screw/rievet applied cable tie mounts offer a countersunk or through hole in the mount through which a screw or rivet can be secured
- Offered in a wide selection of specialty materials for resistance to severe conditions such as heat, radiation, chemicals, and outdoor environments
- Available in styles ranging from low profile mounts with integral push-rivet to high stability cradle mounts for Extra-Heavy strength cable ties

Other Cable Tie Mounts

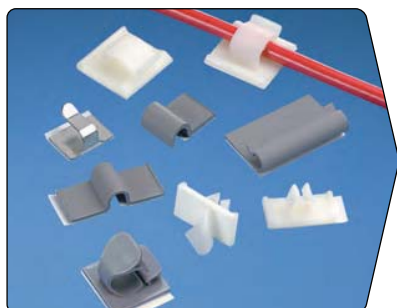
Pages B2.16 – B2.26

- Push mount designs lock into a hole in a metallic panel or in a blind masonry hole
- Edge clip mounts secure to a panel edge using metal barbs that dig into panel surface
- Stud mounts secure onto threaded bolts by screwing or hammering on the bolt
- Connector rings can be used to attach adjacent bundles to provide spacing and prevent vibration damage

Cable Accessories Products Overview – Used without Cable Ties

Adhesive Back Clips and Clamps

Pages B2.27 – B2.36



- A wide range of styles and sizes of adhesive backed clips and clamps to secure a variety of cables, from individual small diameter wires to large flat cables
- Products come in designs that use friction to hold a few cables, or more secure releasable latching designs
- Uses premium Panduit adhesive for a long-term, reliable bond

Other Clips and Clamps

Pages B2.36 – B2.43



- Screw clips use a screw, nail, or rivet to secure the clip to surface
- Plastic edge clips secure to an edge in a panel which incorporates a punched hole to provide mechanical retention
- Push-in clips use an arrow-head shaped barb to lock into a hole in a panel, and is available in a range of bundle sizes

Harness Board Accessories

Pages B2.44 – B2.50



- Allow an installer to quickly configure a specific arrangement of wires, to aid in required wire bundling and termination
- Hold wire bundles at a uniform height from a harness board to ease manual or automatic cable tie installation
- Aid in the proper routing and forming of wire bundles to help maintain end product consistency, reduce expensive rework and maximize safety

4-Way Adhesive Backed Cable Tie Mounts

- Allow cable tie entry from all four sides
- Available in multiple sizes to match application load requirements
- Produced 2-up or 4-up for fast and easy liner removal to speed installation



	ABM1M 0.50" x 0.50"	ABMM 0.75" x 0.75"	ABM2S 1.00" x 1.00"	ABM100 1.00" x 1.00"	ABM112 1.12" x 1.12"	ABM3H 1.50" x 1.50"	ABM4H 2.00" x 2.00"
	Accepts M Cable Ties	Accepts M, I Cable Ties	Accepts M, I, S Cable Ties	Accepts M, I, S Cable Ties	Accepts M, I, S Cable Ties	Accepts M, I, S, HS, LH, H, HLM Cable Ties	Accepts M, I, S, HS, LH, H, HLM Cable Ties
White Nylon 6.6; Rubber Adhesive; Indoor Environment	ABM1M-A-C 100 pc/pkg	-	-	ABM200-A-C** 100 pc/pkg	ABM112-A-C 100 pc/pkg	ABM3H-A-L 100 pc/pkg	ABM4H-A-L 100 pc/pkg
White Nylon 6.6; Acrylic Adhesive; Indoor/High Temp Environment	ABM1M-AT-C 100 pc/pkg	-	-	ABM100-AT-C 100 pc/pkg	ABM112-AT-C 100 pc/pkg	ABM3H-AT-L 100 pc/pkg	ABM4H-AT-L 100 pc/pkg
Black Weather Resistant Nylon 6.6; Acrylic Adhesive; Outdoor/High Temp Environment	-	-	-	ABM100-AT-C0 100 pc/pkg	ABM112-AT-C0 100 pc/pkg	-	-
White ABS; Rubber Adhesive; Indoor Environment	-	ABMM-A-C	ABM2S-A-C*^ 100 pc/pkg	-	-	-	-
White ABS; Acrylic Adhesive; Indoor/High Temp Environment	-	ABMM-AT-C 100 pc/pkg	ABM2S-AT-C 100 pc/pkg	-	-	-	-
Black Weather Resistant ABS; Acrylic Adhesive; Outdoor/High Temp Environment	-	ABMM-AT-C0 100 pc/pkg	ABM2S-AT-C0 100 pc/pkg	-	-	-	-
White ABS; Indoor Environment; User Supplied Adhesive	-	ABMM-D 500 pc/pkg	-	-	-	-	-
White ABS; Indoor Environment; User Supplied Adhesive or #6 screw(s)	-	-	ABM2S-S6-D 500 pc/pkg	-	-	-	-
White Nylon 6.6; Indoor Environment; User Supplied Adhesive or #6 (M3) screw(s)	-	-	-	ABM100-S6-C 100 pc/pkg	ABM112-S6-C 100 pc/pkg	ABM3H-S6-T 200 pc/pkg	ABM4H-S6-T 200 pc/pkg
Natural Flame Retardant Nylon 6.6; Indoor Environment; User Supplied Adhesive or #6 (M3) screw(s)	-	-	-	ABM100-S6-C69 100 pc/pkg	ABM112-S6-C69 100 pc/pkg	-	-

*Also available in Gray ABS material with Rubber Adhesive for Indoor environments. Part number ABM2S-A-C14

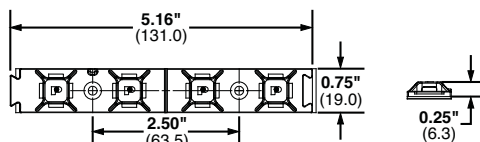
^Also available in Ivory ABS material with Rubber Adhesive for Indoor environments. Part number ABM2S-A-C15

**Also available in Ivory Nylon 6.6 material with Rubber Adhesive for Indoor environments. Part number ABM100-A-C15

Order number of pieces required, in multiples of Standard Package Quantity.

cUL[®] US ABMQ Multiple Bridge Adhesive Backed Cable Tie Mounts

- Multiple cable tie bridges on one mount speeds installation of cable bundles by reducing the number of mounts applied
- Dovetail connection system provides alignment and a joining method to expand routing capabilities
- V-groove allows for easy separation into two mounts with two bridges each for separate applications
- 4-way cable tie bridges allow cable bundles to be secured perpendicular to the mount for even spacing or inline to secure a bundle in multiple places
- Large adhesive surface area provides long-term reliability and keeps product in place despite heavy load or high stress



Part Number	Used with Cable Ties	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
ABMQS-A-C	M, I, S	ABS	White	Indoors	Rubber	100	1000
ABMQS-A-Q		ABS	White	Indoors	Rubber	25	250
ABMQS-A-Q20		ABS	Black	Indoors	Rubber	25	250

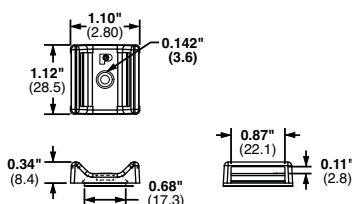
cUL[®] US ABMQ Mounts for Installation with Screws or User-Supplied Adhesive

ABMQS-S6-C	M, I, S	ABS	White	Indoors/High Temp	Two #6 M3 Screws	100	1000
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‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

Tak-Ty[®] Hook & Loop Cable Tie Mounts

- For use with hook and loop cable ties, see page B1.83, B1.84
- Unique cradle design provides maximum stability for cable bundle
- For indoor use only
- Dimensions: 1.10"L x 1.12"W x 0.34"H (27.9mm x 28.4mm x 8.6mm)



Part Number	Used with Cable Ties‡	Material	Color	Max. Static Load		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
				Lbs.	g			
ABMT-A-C	HLT, HLS, TTS, UCT	Nylon 6.6	Natural	0.38	174	Pre-Installed Rubber Adhesive	100	1000
ABMT-A-C20			Black				100	1000
ABMT-S6-C			Natural	—	—	#6 (M3) Screw	100	1000
ABMT-S6-C20			Black				100	1000
ABMT-S6-C60		Flame Retardant Nylon 6.6	Black				100	1000
ABMT-S6-C69			Natural				100	1000

‡Cable tie cross section sizes: HLT = Tak-Ty[®] Hook & Loop Ties, HLS = Tak-Ty[®] Hook & Loop Strip Tie, TTS = Tak-Tape[®] Roll, UCT = Ultra-Cinch[®] Tie.

*For proper selection of adhesives see page B2.53.

Super-Grip™ Adhesive Backed Cable Tie Mounts

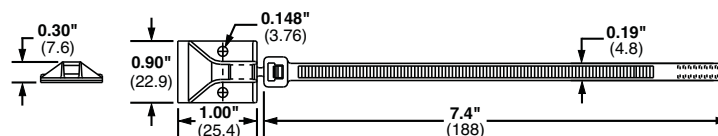
- Low profile design keeps bundle close to mounting surface
- Small overall size allows use where space is limited
- For use with Super-Grip™ Cable Ties found on page B1.36
- High Bond Adhesive available



SGABM20 0.75" x 0.75"	SGABM25 1.00" x 1.00"	SGABM30 1.12" x 1.12"	SGABM40 1.50" x 1.50"	SGABM50 2.00" x 2.00"
Accepts SGM, SGI Cable Ties	Accepts SGM, SGI, SGS Cable Ties	Accepts SGM, SGI, SGS Cable Ties	Accepts SGM, SGI, SGS, SGLH, SGH Cable Ties	Accepts SGM, SGI, SGS, SGLH, SGH Cable Ties
White Nylon 6.6; Rubber Adhesive; Indoor Environment	SGABM20-A-C 100 pc/pkg	SGABM25-A-C 100 pc/pkg	SGABM30-A-C 100 pc/pkg	SGABM40-A-L 50 pc/pkg
Black Weather Resistant Nylon 6.6; Acrylic Adhesive; Outdoor/High Temp Environment	SGABM20-AT-C0 100 pc/pkg	SGABM25-AT-C0 100 pc/pkg	SGABM30-AT-C0 100 pc/pkg	SGABM40-AT-L0 50 pc/pkg
Black Weather Resistant Heat Stabilized Nylon 6.6; High Bond Acrylic Adhesive; Outdoor/High Temp Environment	SGABM20-AV-C300 100 pc/pkg	SGABM25-AV-C300 100 pc/pkg	SGABM30-AV-C300 100 pc/pkg	-
White Nylon 6.6; Indoor Environment; User Supplied Adhesive or #6 (M3) screw(s)	-	SGABM25-S6-C 100 pc/pkg	-	-
Black Weather Resistant Nylon 6.6; Outdoor Environment; User Supplied Adhesive or #6 (M3) screw(s)	-	SGABM25-S6-C0 100 pc/pkg	-	-

Combination Adhesive Mount/Cable Ties

- Adhesive mount and cable tie molded as one-piece helps reduce inventory costs
- Available with locking or releasable tie
- For indoor use only
- Material: Nylon 6.6

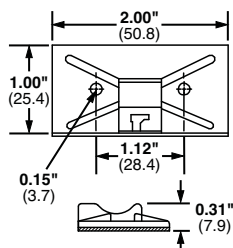


Part Number	Tool	Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
Locking Cable Tie					
PLA2S-A-Q	GTS, GTSL, GS2B, GS4H, PTS, PTH, PPTS, STS2, STH2	White	Rubber	25	250
Releasable Cable Tie					
PRA2S-A-Q	Hand installed only	White	Rubber	25	250



Snap-In Cable Tie Mounts – Mechanically Applied

- For use with Panduit Standard cross section cable ties including PLT1S, PLT1.5S, PLT2S, PRT1.5S and PRT2S
- Integral retaining notch holds cable tie head in place below bundle
- Eliminates protruding tie head and facilitates one hand tie threading
- Quickly route wire and cable where mounting holes cannot be drilled
- For indoor use only
- Material: ABS



Part Number	Used with Cable Ties†	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
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Snap-In Mounts with Pre-Installed Adhesive

SMS-A-C	S	White	Rubber	100	500
SMS-A-C14		Gray	Rubber	100	500
SMS-A-C15		Ivory	Rubber	100	500



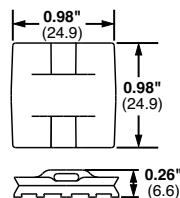
Snap-In Mounts for Application with Screws or User-Supplied Adhesive

SMS-S6-D	S	White	User Supplied Adhesive and/or Two #6 M3 Screws	500	5000
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†Cable tie cross section size: S = Standard.

Epoxy Applied Mounts

- Provide a fast, strong, economical method to secure wire/ cable to most surfaces
- Eliminate the need to drill holes

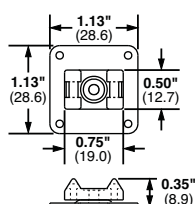


Part Number	Used with Cable Ties†	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
EMS-A-C	M, I, S	Nylon 6.6	Natural	Indoors	EMA epoxy	100	1000
EMS-A-C0		Weather Resistant Nylon 6.6	Black	Outdoors			

†Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

Epoxy Applied Swivel Mount

- Swivels 360° to assure proper orientation with harness
- Four inspection holes to check adhesive coverage
- For indoor use only



Part Number	Used with Cable Ties‡	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
ASMS-A-X	M, I, S, SGM, SGI	EMA epoxy	10	100

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, SGM = Super-Grip® Miniature, and SGI = Super-Grip® Intermediate.

Epoxy Applied Cable Tie Mount Kits

- EMA Epoxy supplied in convenient two-compartment mixer cup with a mixer stick for each cup
- Each cup contains adhesive for three EMS or ASMS mounts
- Epoxy hardens in approximately five minutes
- After full 24 hour cure time, bonding strength will exceed 50 lbs. on a clean, grease-free surface
- Not recommended for use on polyethylene and polypropylene surfaces



Part Number	Used with Cable Ties‡	Environment	Epoxy Cups	Mixer Sticks	EMS Mounts	Cable Ties	Std. Pkg. Qty.	Std. Ctn. Qty.
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Epoxy Adhesive Only

EMA-X	—	Indoors/Outdoors	10	10	—	—	10	—
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Epoxy Mounting Kit with EMS Mounts

EMSK3-1-X0	M, I, S	Indoors/Outdoors	1	1	3	3	1	10
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Epoxy Mounting Kit with EMS Mounts and Cable Ties

EMSK3-1-3-0	M, I, S	Indoors/Outdoors	1	1	3	3	1	10
EMSK12-4-12-X0		Indoors/Outdoors	4	4	12	12	10	10

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

cFLUS Tie Mounts – Applied with User Supplied Adhesives

- Solid flat bottom surface provides maximum holding area
- Material: Nylon 6.6
- For indoor use only

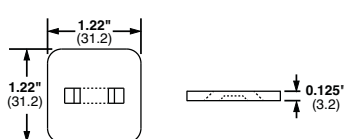


Part Number	Used with Cable Ties‡	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TM1A-C	M	Natural	User Supplied Adhesive	100	1000
TM2A-C	M, I, S			100	500
TM3A-C	M, I, S, HS, LH			100	500

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard and LH = Light-Heavy.

cFLUS Low Profile Tie Mounts – User Supplied Adhesive Mounts

- Low profile design keeps bundle close to mounting surface
- For indoor use only
- Material: Nylon 6.6

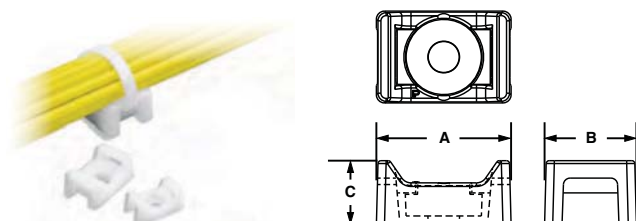


Part Number	Used with Cable Ties‡	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
AM2-C	M, I, S	Natural	User Supplied Adhesive	100	500

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

Cable Tie Mounts – Screw Applied

- Unique cradle design provides maximum stability for the cable bundle
- Low profile design keeps bundle close to mounting surface
- Wide selection of materials available
- UL Recognized except HVTM and SGTM series



Part Number	Used with Cable Ties‡	Counterbore Diameter		Length A		Width B		Height C		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm			
TM1S4-C	M	0.23	5.7	0.51	13.0	0.32	8.0	0.23	5.8	#4 (M2.5) Screw	100	500
TM1S6-C		0.28	7.0	0.51	13.0	0.32	8.0	0.23	5.8	#6 (M3) Screw	100	500
TM2S6-C	M, I, S	0.29	7.1	0.63	16.0	0.43	10.8	0.28	7.0	#6 (M3) Screw	100	500
TM2S8-C		0.33	8.4	0.63	16.0	0.43	10.8	0.28	7.0	#8 (M4) Screw	100	500
TM3S8-C	M, I, S, LH	0.32	8.1	0.86	21.9	0.61	15.5	0.37	9.4	#8 (M4) Screw	100	500
TM3S10-C		0.38	9.7	0.86	21.9	0.61	15.8	0.37	9.4	#10 (M5) Screw	100	500

Super-Grip® Cable Tie Mounts

SGTM1S6-C	SGM	0.28	7.0	0.51	13.0	0.38	9.7	0.22	5.6	#6 (M3) Screw	100	500
SGTM2S8-C	SGM, SGI, SGS	0.33	8.4	0.66	16.7	0.48	12.2	0.34	8.6	#8 (M4) Screw	100	500
SGTM3S10-C	SGM, SGI, SGS, SGLH	0.38	9.7	0.91	23.1	0.61	15.4	0.43	11.0	#10 (M5) Screw	100	500

Hyper-V™ Cable Tie Mounts

HVTM-06-C0	HV	0.40	10.2	0.81	20.6	0.68	17.3	0.41	10.4	#12 (M6) Screw	100	500
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‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, LH = Light-Heavy, SGM = Super-Grip® Miniature, SGI = Super-Grip® Intermediate, SGS = Super-Grip® Standard, SGLH = Super-Grip® Light-Heavy, and HV = Hyper-V™.

Additional tie mounts available in specified materials.
All are available as standard Panduit® parts.

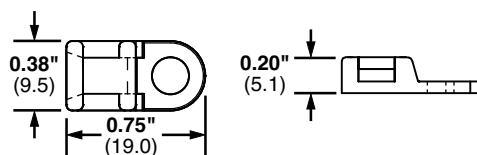
Metal Detectable Nylon	Metal Detectable Polypropylene	PEEK	Heat Stabilized Nylon	Flame Retardant Nylon	Weather Resistant Nylon	Weather Resistant Polypropylene	Tefzel®
TM2S8-C86	TM2S8-C186	TM2S8-C71	TM1S4-M30	TM1S4-M69	TM1S6-M0	TM2S8-C100	TM2S8-C76
TM3S8-C86	TM3S8-C186		TM1S6-M30	TM1S6-M69	TM2R6-M0	TM3S8-C100	TM3S8-C76
TM3S10-C86	TM3S10-C186		TM2R6-M30	TM2S6-M69	TM2S6-M0	TM3S8-M100	TM3S10-C76
			TM2S6-M30	TM2S8-M69	TM2S8-M0		
			TM2S8-M30	TM3S8-C69	TM3R6-M0		
			TM3S8-M30	TM3S8-M69	TM3S10-M0		
			TM3S10-M30	TM3S10-M69	TM3S25-M0		
			TM3S25-M30		SGTM1S6-C0		
					SGTM2S8-C0		
					SGTM3S10-C0		

■TEFZEL is a registered trademark of E.I. du Pont de Nemours and Company.



4-Way Tie Anchor Mounts – Screw Applied

- 4-way cable tie entry makes part orientation fast and easy
- Small overall size allows for use where space is limited



Part Number	Used with Cable Ties‡	Hole Diameter A		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm						
TA1S8-C	M, I, S	0.17	4.3	Nylon 6.6	Natural	Indoors	#8 (M4) Screw	100	500
TA1S8-M0		0.17	4.3	Weather Resistant Nylon 6.6	Black	Outdoors	#8 (M4) Screw	1000	5000
TA1S8-M30		0.17	4.3	Heat Stabilized Nylon 6.6	Black	Indoors	#8 (M4) Screw	1000	5000
TA1S8-M69		0.17	4.3	Flame Retardant Nylon 6.6	Natural	Indoors	#8 (M4) Screw	1000	5000
TA1S10-C		0.17	4.3	Nylon 6.6	Natural	Indoors	#10 (M5) Screw	100	500
TA1S10-M0		0.20	5.1	Weather Resistant Nylon 6.6	Black	Outdoors	#10 (M5) Screw	1000	5000

Super-Grip® Cable Tie Mounts

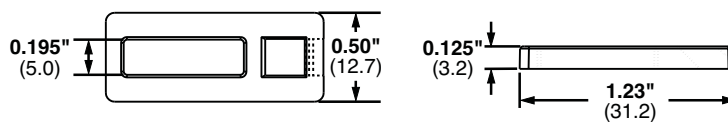
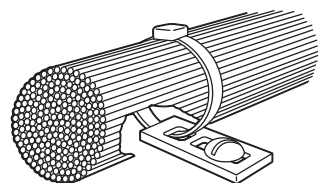
SGTA1S8-C	SGM,SGI,SGS	0.17	4.3	Nylon 6.6	Natural	Indoors	#8 (M4) Screw	100	500
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‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, SGM = Super-Grip® Miniature, SGI = Super-Grip® Intermediate, and SGS = Super-Grip® Standard.



Tie Anchor Mounts – Screw Applied

- Install perpendicular to the wire bundle
- Low profile design keeps bundle close to mounting surface where overhead space is limited
- Elongated slot permits cable bundle adjustment in application
- Material: Nylon 6.6



Part Number	Used with Cable Ties‡	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TA2-C	M, I, S	Natural	Indoors	#10 (M5) Screw	100	1000
TA2-M					1000	500

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

A. System Overview

PANDUIT®

Industrial Electrical Solutions

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Cable Ties & Accessories

C1. Wiring Duct

C2. Abrasion Protection

C3. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Industrial Safety Solutions

F. Keystone Cabling Systems

G. Part Number Index

Low Profile Mounts – Screw Applied

- Low profile design keeps bundle close to mounting surface
- Small overall size

- Install with a screw or rivet for a strong, secure installation
- For indoor use only
- Material: Nylon 6.6

Part Number	Used with Cable Ties‡	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
LPMM-S2-C	M	Natural	#2 (M2) Countersunk Screw	100	1000
LPMM-S5-C	M		#5 (M3) Countersunk Screw	100	1000
LPMS-S8-C	M, I, S		#8 (M4) Countersunk Screw	100	1000

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

Low Profile Mounts – Push Rivet Applied

- Eliminate screws
- Secure wires to any pre-drilled panel
- Can be installed in any panel thickness

- Low profile design keeps bundle close to mounting surface
- For indoor use only
- Material: Nylon 6.6

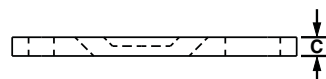
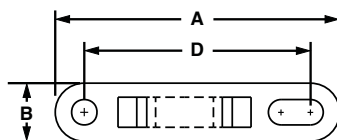
Part Number	Used with Cable Ties‡	Hole Diameter A		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm				
KIMS-H366-C2	M, I, S	0.144	3.7	Red	Integral Push Rivet	100	1000
KIMS-H430-C6		0.169	4.3	Blue	Integral Push Rivet	100	1000
KIMS-H500-C4		0.196	5.0	Yellow	Integral Push Rivet	100	1000

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.



Cable Tie Plates

- Slotted mounting hole accommodates various fastener spacing
- Low profile design keeps bundle close to mounting surface
- For indoor use only
- Material: Nylon 6.6

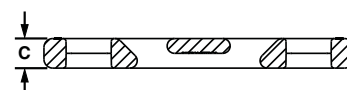
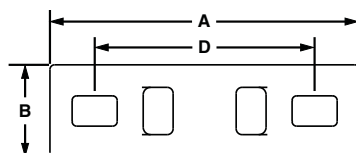


Part Number	Used with Cable Ties‡	Length A		Width B		Height C		Hole Spacing D		Color	Mil. Std. Part Number	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm					
TP2-C	M, I, S	1.98	50.3	0.50	12.7	0.13	3.2	1.60	40.6	Natural	MS3341-2-9	#10 (M5) Screw	100	1000
TP4H-C	M, I, S, HS, LH, H	3.08	78.2	0.62	15.7	0.20	5.2	2.50	63.5	Natural	MS3341-2-9	1/4 (M6) Screw	500	1000

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy and H = Heavy.

Contour Multiple Tie Plates

- Designed for aerospace industry to minimize chance for abrasion
- Low profile design keeps bundle close to mounting surface
- For indoor use only
- Heat stabilized Nylon 6.6 material



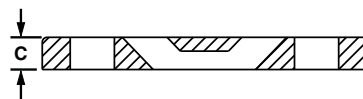
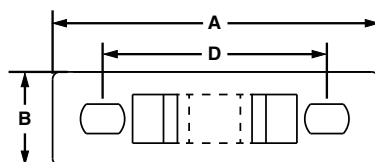
Part Number	No. of Bundles	Used with Cable Ties‡	Length A		Width B		Height C		Hole Spacing D		Mounting Method	Mil. Std. Part Number	Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm				
MTPC1H-E10-C39	1	M, I, S, HS, LH, H	2.09	53.1	0.63	16.0	0.20	5.2	1.5	38.1	#10 (M5) Screw	—	100	1000
MTPC2H-E10-C39	2		3.59	91.2	0.63	16.0	0.20	5.2	3.0	6.2	#10 (M5) Screw	—	100	1000
MTPC3H-E10-C39	3		5.09	129.3	0.63	16.0	0.20	5.2	4.50	114.3	#10 (M5) Screw	—	100	1000
MTPC4H-E10-C39	4		6.59	167.4	0.63	15.7	0.20	5.2	6.00	152.4	#10 (M5) Screw	—	100	1000
MTPC5H-E10-C39	5		8.09	205.5	0.63	16.0	0.20	5.2	7.50	190.5	#10 (M5) Screw	—	100	1000
MTPC6H-E10-C39	6		9.59	243.6	0.63	16.0	0.20	5.2	9.00	228.6	#10 (M5) Screw	—	100	1000

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy and H = Heavy.



Multiple Tie Plates

- Used to secure closely spaced wire bundles
- Low profile design keeps bundle close to mounting surface
- For indoor use only
- Material: Nylon 6.6



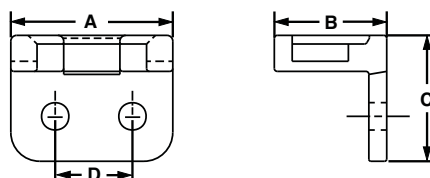
Part Number	No. of Bundles	Used with Cable Ties†	Length A		Width B		Height C		Hole Spacing D		Mounting Method	Mil. Std. Part Number	Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm				
MTP1S-E6-C	1	M, I, S	1.75	44.5	0.50	12.7	0.13	3.2	1.25	31.8	#6 (M3) Screw	MS3339-1-9	100	1000
MTP1S-E10-C			1.75	44.5	0.50	12.7	0.13	3.2	1.25	31.8	#10 (M5) Screw	—	100	1000
MTP1H-E6-C		M, I, S, HS, LH, H	2.09	53.1	0.63	16.0	0.20	5.2	1.50	31.8	#6 (M3) Screw	MS3339-6-9	100	1000
MTP1H-E10-C			2.09	53.1	0.63	16.0	0.20	5.2	1.50	31.8	#10 (M5) Screw	—	100	1000
MTP2S-E6-C	2	M, I, S	3.00	76.2	0.50	12.7	0.13	3.2	2.50	63.5	#6 (M3) Screw	MS3339-2-9	100	1000
MTP2S-E10-C			3.00	76.2	0.50	12.7	0.13	3.2	2.50	63.5	#10 (M5) Screw	—	100	1000
MTP2H-E6-C		M, I, S, HS, LH, H	3.59	91.2	0.63	16.0	0.20	5.2	3.00	76.2	#6 (M3) Screw	MS3339-7-9	100	1000
MTP2H-E10-C			3.59	91.2	0.63	16.0	0.20	5.2	3.00	76.2	#10 (M5) Screw	—	100	1000
MTP3S-E6-C	3	M, I, S	4.25	108.0	0.50	12.7	0.13	3.2	3.75	95.3	#6 (M3) Screw	MS3339-3-9	100	1000
MTP3S-E10-C			4.25	108.0	0.50	12.7	0.13	3.2	3.75	95.3	#10 (M5) Screw	—	100	1000
MTP3H-E6-C		M, I, S, HS, LH, H	5.09	129.3	0.63	16.0	0.20	5.2	4.50	114.3	#6 (M3) Screw	MS3339-8-9	100	1000
MTP3H-E10-C			5.09	129.3	0.63	16.0	0.20	5.2	4.50	114.3	#10 (M5) Screw	—	100	1000
MTP4S-E6-C	4	M, I, S	5.50	139.7	0.50	12.7	0.13	3.2	5.00	127.0	#6 (M3) Screw	MS3339-4-9	100	1000
MTP4S-E10-C			5.50	139.7	0.50	12.7	0.13	3.2	5.00	127.0	#10 (M5) Screw	—	100	1000
MTP4H-E6-C		M, I, S, HS, LH, H	6.59	167.4	0.63	16.0	0.20	5.2	6.00	152.4	#6 (M3) Screw	MS3339-9-9	100	1000
MTP4H-E10-C			6.59	167.4	0.63	16.0	0.20	5.2	6.00	152.4	#10 (M5) Screw	—	100	1000
MTP5S-E6-C	5	M, I, S	6.75	171.5	0.50	12.7	0.13	3.2	6.25	158.8	#6 (M3) Screw	MS3339-5-9	100	1000
MTP5S-E10-C			6.75	171.5	0.50	12.7	0.13	3.2	6.25	158.8	#10 (M5) Screw	—	100	1000
MTP5H-E6-C		M, I, S, HS, LH, H	8.09	205.5	0.63	16.0	0.20	5.2	7.50	190.5	#6 (M3) Screw	MS3339-10-9	100	1000
MTP5H-E10-C			8.09	205.5	0.63	16.0	0.20	5.2	7.50	190.5	#10 (M5) Screw	—	100	1000
MTP6H-E6-C	6	M, I, S, HS, LH, H	9.59	243.6	0.63	16.0	0.20	5.2	9.00	228.6	#6 (M3) Screw	MS3339-11-9	100	1000
MTP6H-E10-C			9.59	243.6	0.63	16.0	0.20	5.2	9.00	228.6	#10 (M5) Screw	—	100	1000

†Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy and H = Heavy.



Right Angle Mounts

- Hold cable bundles away from the sharp edges of bulkheads or cabinet holes
- Can also be used to mount cable bundles adjacent to any surface
- For indoor use only
- Material: Nylon 6.6



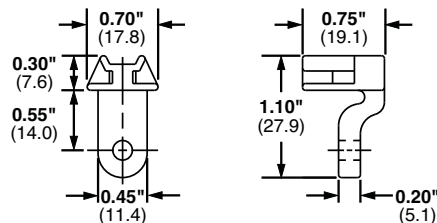
Part Number	Used with Cable Ties‡	Length A		Width B		Height C		Hole Spacing D		Color	Mil. Std. Part Number	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm					
RAMS-S3-M	M, I, S	0.56	14.2	0.39	0.99	0.44	11.0	0.28	7.1	Natural	MS3341-2-9	#3 (M2.5) Screw or 3/32 (2.4) Rivet	100	5000
RAMH-S6-D	M, I, S, HS, LH, H	1.00	25.4	0.75	19.1	1.00	0.28	0.28	7.1		MS3341-2-9	#6 (M3) Screw or 1/8 (3.2) Rivet	500	5000
RAMH-S10-D	M, I, S, HS, LH, H	1.00	25.4	0.75	19.1	1.00	0.50	0.50	12.7		—	#10 (M5) Screw or 3/16 (4.7) Rivet	500	5000

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy and H = Heavy.



Lightening Hole Mounts

- Secure cable bundles that run through bulkhead lightening holes
- Protect cable bundles from sharp edges
- For indoor use only
- Material: Nylon 6.6

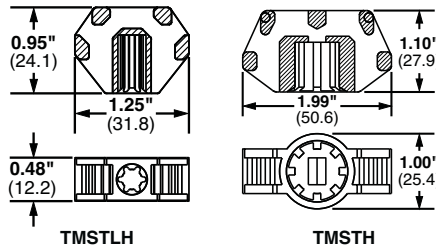


Part Number	Used with Cable Ties‡	Color	Mil. Std. Part Number	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
LHMSS-S5-D	M, I, S	Natural	—	#5 (M3) Screw or 1/8 (3.2) Rivet	500	2500
LHMS-S6-D			MS3340-1-9	#6 (M3) Screw or 9/64 (3.5) Rivet	500	2500
LHMS-S10-D			—	#10 (M5) Screw or 3/16 (4.7) Rivet	500	2500

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

Stud Tie Mounts

- Easily applied to bolts or studs with a light hammer blow or turning of the mount
- Designed for use with cable ties to route and secure cable bundles, air, water and hydraulic lines
- Material: Impact Modified Weather Resistant Nylon 6.6

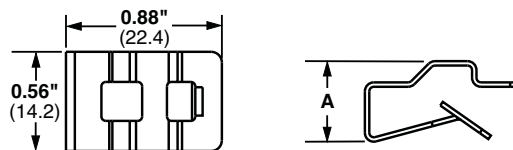


Part Number	Used with Cable Ties‡	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TMSTLHS6-M0	M, I, S, HS, LH	Black	Outdoors	1/4" stud dia. (6mm)	1000	5000
TMSTLHS8-M0	M, I, S, HS, LH			5/16" stud dia (8mm)	1000	5000
TMSTHS10-D0	M, I, S, HS, LH, H			3/8" stud dia. (10mm)	500	—
TMSTHS11-D0	M, I, S, HS, LH, H			7/16" stud dia. (11mm)	500	—
TMSTHS12-D0	M, I, S, HS, LH, H			12mm stud dia.	500	—
TMSTHS13-D0	M, I, S, HS, LH, H			1/2" stud dia. (13mm)	500	—
TMSTHS16-D0	M, I, S, HS, LH, H			5/8" stud dia. (16mm)	500	—
TMSTHS19-D0	M, I, S, HS, LH, H			3/4" stud dia. (19mm)	500	—

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy and H = Heavy.

Metal Clip-On Mounts

- Clips on sheet metal edges for fast mounting of harness with cable ties
- Allows cable tie entry from all four sides for easy harness orientation
- For indoor use only
- Material: Zinc plated steel



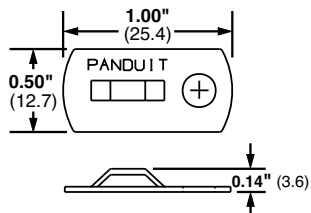
Part Number	Used with Cable Ties‡	Height A		Max. Panel Thickness		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm			
MCMS12-P-C	M, I, S	0.31	8.0	0.13	3.2	Clip-On	100	500
MCMS25-P-C		0.46	11.5	0.24	6.1		100	500
MCMS30-P-C		0.55	14.0	0.27	6.9		100	500

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, and S = Standard.



Metal Screw-On Mount

- Screw applied aluminum mounting base for a secure support in demanding applications



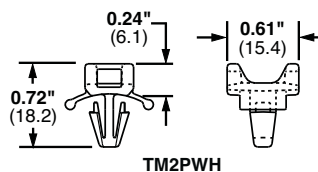
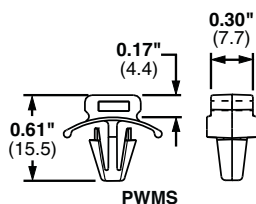
Part Number	Used with Cable Ties‡	Material	Environment	Mounting Method	Max Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
					Lbs.	g		
MBMS-S10-CY	M, I, S	Aluminum	Indoors/Outdoors	#10 (M5) Screw	10.00	4540	100	1000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, and S = Standard.



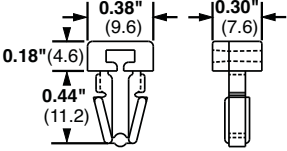
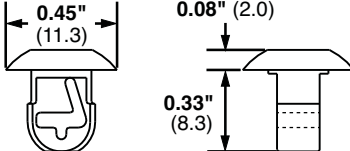
Push Barb Cable Tie Mounts

- Wing provides added stability
- Requires no adhesive or additional mounting hardware
- Can be used where only one side of the panel is accessible



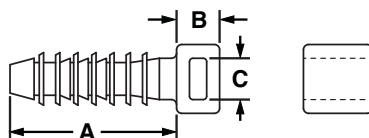
Part Number	Used with Cable Ties‡	Max. Panel Thickness		Panel Hole Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm						
PWMS-H25-C	M, I, S	0.11	2.7	0.25	6.5	Nylon 6.6	Natural	Indoors	Push Barb	100	1000
PWMS-H25-M0		0.11	2.7	0.25	6.5	Weather Resistant Nylon 6.6	Black	Outdoors	Push Barb	1000	5000
TM2PWH25-C		0.10	2.3	0.25	6.5	Nylon 6.6	Natural	Indoors	Push Barb	100	500

‡Cable tie cross section Sizes: M = Miniature, I = Intermediate, and S = Standard.

A. System Overview	PANDUIT® Industrial Electrical Solutions											
B1. Cable Ties	 Push Mounts - Require no adhesive or additional mounting hardware - Can be used where only one side of the panel is accessible  											
B2. Cable Accessories												
B3. Stainless Steel Cable Ties & Accessories												
C1. Wiring Duct												
C2. Abrasion Protection												
C3. Cable Management												
D1. Terminals	 Push Button Mounts - Require no adhesive or additional mounting hardware - Designed for use where both sides of the panel are accessible  											
D2. Power Connectors												
D3. Grounding Connectors												
E1. Labeling Systems												
E2. Labels												
E3. Pre-Printed & Write-On Markers												
E4. Permanent Identification												
E5. Industrial Safety Solutions												
F. Keystone Cabling Systems												
G. Part Number Index												

Masonry Push Mounts

- Used to secure wire, cable, or tubing to masonry surfaces
- Installed quickly into pre-drilled holes; design holds bundle securely
- Material: Impact Modified Weather Resistant Nylon 6.6



Part Number	Used with Cable Ties‡	Grip Length A		Height B		Hole Diameter D		Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm					

Pan-Ty® Masonry Push Mounts

MPMS19-C0	M, I, S	0.97	24.6	0.25	6.4	0.19	5.0	Black	Indoors/ Outdoors	Fir Tree Hole Mount	100	500
MPMS25-C0		0.97	24.6	0.27	6.9	0.25	6.4				100	500
MPMH38-L0	M, I, S, HS, LH, H, HLM	1.25	31.8	0.30	7.5	0.38	9.5				50	500
MPMWH32-L0*	M, I, S, HS, LH, H, HLM	1.41	35.8	0.28	7.1	0.32	8.0				50	500

Super-Grip® Masonry Push Mounts

SGMPMS19-C0	SGM, SGI, SGS	0.97	24.6	1.19	30.2	0.19	5.0	Black	Indoors/ Outdoors	Fir Tree Hole Mount	100	500
SGMPMS25-C0		0.97	24.6	1.24	31.5	0.25	6.4				100	500
SGMPMH38-L0		1.25	31.8	1.49	37.8	0.38	9.5				50	500
SGMPMWH32-L0*	SGM, SGI, SGS, SGLH, SGH	1.41	35.8	0.28	7.1	0.32	8.0				50	500

Hyper-V™ Masonry Push Mounts

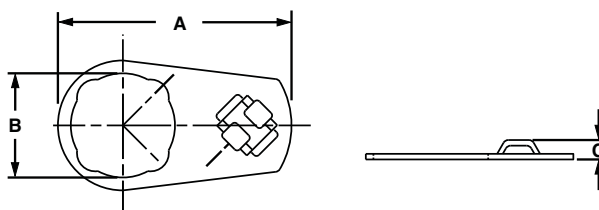
HVMPM-08-C0	HV	1.41	35.8	1.63	41.4	0.31	8.0	Black	Indoors/ Outdoors	Fir Tree Hole Mount	100	500
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‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, HLM = Tak-Ty® Miniature, SGM = Super-Grip® Miniature, SGI = Super-Grip® Intermediate, SGS = Super-Grip® Standard, SGLH = Super-Grip® Light-Heavy, SGH = Super-Grip® Heavy, and HV = Hyper-V™.

*cRUus listed

Control Panel Mounts

- Installed behind control panel switch
- Ideal for high strain areas where cable is routed from panel to panel door
- Compatible with most control panel switch designs
- Indoor use only



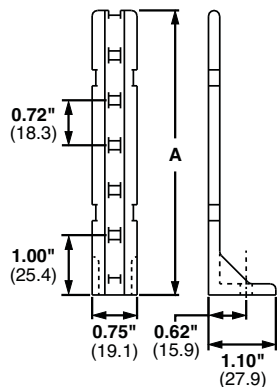
Part Number	Used with Cable Ties‡	Length A		Width B		Height C		Material	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm				
CPM87S-C	M, I, S	2.01	51.1	0.89	22.6	0.17	4.3	Zinc plated steel	Control panel switch	100	1000
CPM122S-C	M, I, S	2.82	71.7	1.22	31.0	0.17	4.3	Zinc plated steel	Control panel switch	100	1000

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.



Pan-Post™ Standoff

- Supports cable bundles above or away from surface
- For indoor use only
- Material: Nylon 6.6

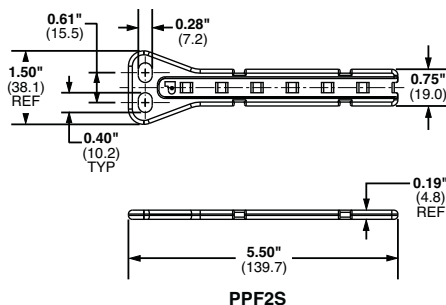
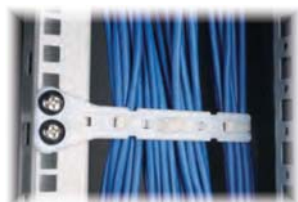


Part Number	Used with Cable Ties‡	Height A		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm				
PP1S-S10-X	M, I, S	2.00	50.8	Natural	#10 (M5) Screw	10	100
PP1S-S12-X		2.00	50.8		#12 (M5.5) Screw	10	100
PP2S-S10-X		4.60	116.8		#10 (M5) Screw	10	100
PP2S-S12-X		4.60	116.8		#12 (M5.5) Screw	10	100

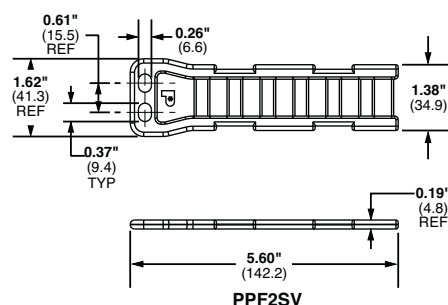
‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

Flat Pan-Post™ Standoffs

- Standard EIA hole spacing allows product to be mounted with user supplied screws up to 1/4" diameter
- Organize cables in standard cabinets and racks
- Mounting method: 1/4" (M6) screw
- Use where space is limited
- For indoor use only



PPF2S



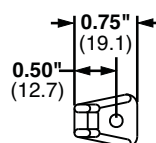
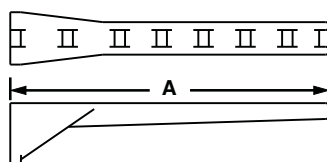
PPF2SV

Part Number	Used with Cable Ties‡	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
PPF2S-S25-V	M, I, S	Nylon 6.6	Natural	Two 1/4" (M6) screws	5	100
PPF2S-S25-V69		Flame Retardant Nylon 6.6				
PPF2SV-S25-V	M, I, S, HS, LH, H, HLM, HLS	Nylon 6.6				
PPF2SV-S25-V69		Flame Retardant Nylon 6.6				

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, HLM = Miniature Tak-Ty® Hook & Loop Ties and HLS = Standard Tak-Ty® Hook & Loop Ties.

Right Angle Bases

- Support cable above the mounting surface

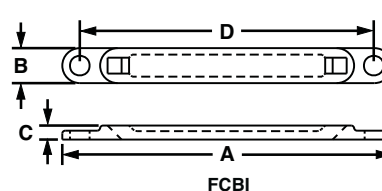
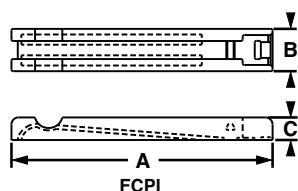


Part Number	Used with Cable Ties‡	Max. Flat Cable Width		Length A		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm						
RAFCBI1-S6-C20	I	1.00	25.4	1.75	44.4	Nylon 6.6	Black	Indoors	#6 (M3) Screw	100	1000
RAFCBI2-S6-C20	I	2.00	50.8	2.78	70.6						
RAFCBI3-S6-C20	I	3.00	76.2	3.81	96.8						

‡Cable tie cross section sizes: I = Intermediate.

c[®] Flat Cable Mounting System – FCB Base and FCPI Plate

- Secures stacked cables, folds, and breakouts, as well as laminated and molded bus bars
- Use one base, one corresponding size plate (FCPI), and one Intermediate cross section cable tie
- For indoor use only
- See also Latching Flat Cable Mounts on page B2.35
- Material: Nylon 6.6

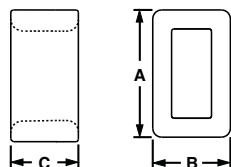


Part Number	Max. Flat Cable Width		Length A		Width B		Height C		Hole Spacing D		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm				
FCBI1-A-C20	1.04	26.4	2.50	63.5	0.38	9.5	0.15	3.8	—	—	Black	User Supplied Adhesive	100	1000
FCBI2-A-C20	2.04	51.8	3.50	88.9	0.38	9.5	0.15	3.8	—	—		User Supplied Adhesive	100	1000
FCBI3-A-C20	3.32	7.72	4.52	114.8	0.38	9.5	0.15	3.8	—	—		User Supplied Adhesive	100	1000
FCBI1-S10-C20	1.04	26.4	2.50	63.5	0.38	9.5	0.15	3.8	2.08	52.8		#10 (M5) Screw	100	1000
FCBI2-S10-C20	2.04	51.8	3.50	88.9	0.38	9.5	0.15	3.8	3.10	78.7		#10 (M5) Screw	100	1000
FCBI3-S10-C20	3.32	7.72	4.52	114.8	0.38	9.5	0.15	3.8	4.12	104.6		#10 (M5) Screw	100	1000
FCPI1-C20*	1.04	26.4	1.29	32.8	0.38	9.5	0.20	5.1	—	—		Cable Ties	100	1000
FCPI2-C20*	2.04	51.8	2.31	58.7	0.38	9.5	0.20	5.1	—	—		Cable Ties	100	1000
FCPI3-C20*	3.32	7.72	3.32	84.3	0.38	9.5	0.20	5.1	—	—		Cable Ties	100	1000

*Recommend for use with PLT2I cable ties on page B1.8

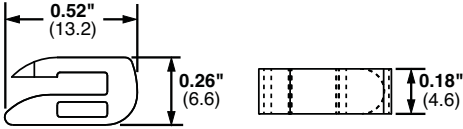
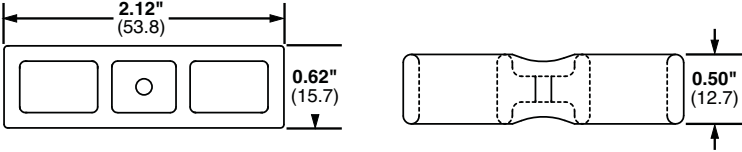
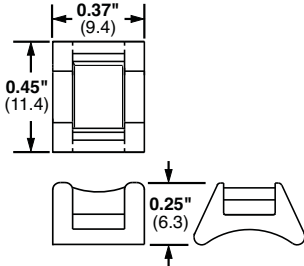
Closed Connector Rings

- Connect multiple cable bundles



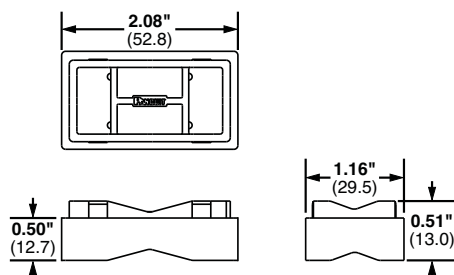
Part Number	Used with Cable Ties†	Length A		Width B		Height C		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm						
CR2-M	M, I, S	0.33	8.4	0.20	5.1	0.20	5.0	Nylon 6.6	Natural	Indoors	Cable Ties	1000	10000
CR4H-M	M, I, S, HS, LH	0.57	14.5	0.36	9.1	0.30	7.6			Indoors			
CR4H-M0	M, I, S, HS, LH	0.57	14.5	0.36	9.1	0.30	7.6	Weather Resistant Nylon 6.6	Black	Indoors/Outdoors			

†Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard and LH = Light-Heavy.

A. System Overview	PANDUIT® Industrial Electrical Solutions																														
B1. Cable Ties	Open Connector Ring Designed to add on cable bundles without removing cable ties   <table> <tr> <th>Part Number</th><th>Used with Cable Ties‡</th><th>Material</th><th>Color</th><th>Environment</th><th>Mounting Method</th><th>Std. Pkg. Qty.</th><th>Std. Ctn. Qty.</th></tr> <tr> <td>CROS-M</td><td>M, I, S</td><td>Nylon 6.6</td><td>Natural</td><td>Indoors</td><td>Cable Ties</td><td>1000</td><td>5000</td></tr> </table> ‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.							Part Number	Used with Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.	CROS-M	M, I, S	Nylon 6.6	Natural	Indoors	Cable Ties	1000	5000								
Part Number	Used with Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.																								
CROS-M	M, I, S	Nylon 6.6	Natural	Indoors	Cable Ties	1000	5000																								
B2. Cable Accessories																															
B3. Stainless Steel Cable Ties & Accessories																															
C1. Wiring Duct																															
C2. Abrasion Protection																															
C3. Cable Management	Cable Spacers Used to separate and/or hang cords, cables, and tubing   <table> <tr> <th>Part Number</th><th>Used with Cable Ties‡</th><th>Material</th><th>Color</th><th>Environment</th><th>Mounting Method</th><th>Std. Pkg. Qty.</th><th>Std. Ctn. Qty.</th></tr> <tr> <td>CSH-D20</td><td>M, I, S, HS, LH, H</td><td>Nylon 6.6</td><td>Black</td><td>Indoors</td><td>Cable Ties</td><td>500</td><td>2500</td></tr> <tr> <td>CSH-D0</td><td>M, I, S, HS, LH, H</td><td>Weather Resistant Nylon 6.6</td><td>Black</td><td>Indoors/Outdoors</td><td>Cable Ties</td><td>500</td><td>2500</td></tr> </table> ‡Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy and H = Heavy.							Part Number	Used with Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.	CSH-D20	M, I, S, HS, LH, H	Nylon 6.6	Black	Indoors	Cable Ties	500	2500	CSH-D0	M, I, S, HS, LH, H	Weather Resistant Nylon 6.6	Black	Indoors/Outdoors	Cable Ties	500	2500
Part Number	Used with Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.																								
CSH-D20	M, I, S, HS, LH, H	Nylon 6.6	Black	Indoors	Cable Ties	500	2500																								
CSH-D0	M, I, S, HS, LH, H	Weather Resistant Nylon 6.6	Black	Indoors/Outdoors	Cable Ties	500	2500																								
D1. Terminals																															
D2. Power Connectors																															
D3. Grounding Connectors																															
E1. Labeling Systems																															
E2. Labels																															
E3. Pre-Printed & Write-On Markers																															
E4. Permanent Identification	Cable Spacer Cross - Connects two bundles at 90° - Separates bundles to prevent abrasion - Dual cradle design stabilizes cable bundle   <table> <tr> <th>Part Number</th><th>Used with Cable Ties‡</th><th>Material</th><th>Color</th><th>Environment</th><th>Mounting Method</th><th>Std. Pkg. Qty.</th><th>Std. Ctn. Qty.</th></tr> <tr> <td>CSCS-M</td><td>M, I, S</td><td>Nylon 6.6</td><td>Natural</td><td>Indoors</td><td>Cable Ties</td><td>1000</td><td>10000</td></tr> </table> ‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.							Part Number	Used with Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.	CSCS-M	M, I, S	Nylon 6.6	Natural	Indoors	Cable Ties	1000	10000								
Part Number	Used with Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.																								
CSCS-M	M, I, S	Nylon 6.6	Natural	Indoors	Cable Ties	1000	10000																								
E5. Industrial Safety Solutions																															
F. Keystone Cabling Systems																															
G. Part Number Index																															

Stackable Aerial Cable Spacer

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Each spacer snaps into another to increase spacer heights by 1/2" increments
- Designed for use in parallel or perpendicular applications
- For use with Dura-Ty™ Cable Ties shown on page B1.51 or Pan-Steel® Self-Locking Ties on page B3.5 – B3.6.

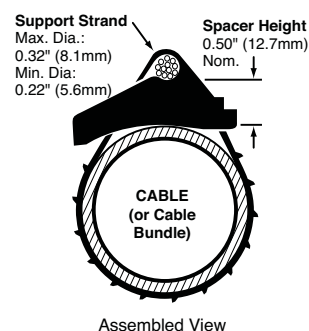
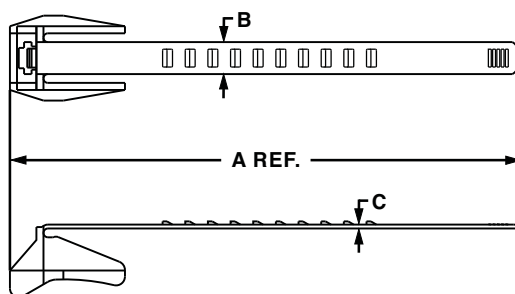


Part Number	Used with Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
SACS50-T100	LH, H, EH	Weather Resistant Polypropylene	Black	Outdoors	Cable Ties	200	2000

*Cable tie cross sizes: LH = Light-Heavy, H = Heavy, and EH = Extra-Heavy.

Aerial Support Ties – Weather Resistant Polypropylene

- Designed to attach coax or telephone cable to the 1/4" (6.4mm) or 5/16" (7.9mm) support strand to form the expansion loop and keep equipment and cables clear of pole hardware
- One-piece construction with integral 1/2" (12.7mm) spacer reduces inventory costs of separate spacer and bands, and installs faster to lower installed cost
- Releasable and re-usable
- Hand install only



Part Number	Length A		Width B		Thickness C		Max. Bundle Diameter		Min. Loop Tensile Strength		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
AST10-5-C100	5.6	142	0.448	11.4	0.55	1.4	1.00	25	75	334	100	1000
AST15-5-C100	6.9	175	0.448	11.4	0.55	1.4	1.50	38	75	334	100	1000
AST20-5-C100	8.4	214	0.448	11.4	0.55	1.4	2.00	51	75	334	100	1000
AST25-5-C100	10.0	254	0.448	11.4	0.55	1.4	2.50	64	75	334	100	1000

Permanent Marking Pens

- Fast drying, permanent ink for identification on marker ties (pages B1.32, B1.50), marker plates (page B2.26), or cable marker straps (page B1.76)
- May be used with any label shown in the catalog when a printer is not available



PX-0
PX-2

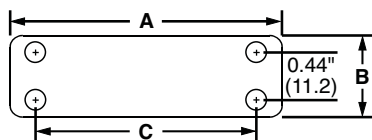


PX-10

Part Number	Color	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PX-0	Black	Permanent marking pen – regular tip.	12	144
PX-2	Red	Permanent marking pen – regular tip.	12	144
PX-10	White	Marking pen for black or other dark colored parts – regular tip.	12	300

Marker Plates – Loose Piece

- Install as flags, tags, or wrap-around identification plates to clearly identify all wire harnesses
- Use with nylon marking pens for an easy and economic alternative to identify wire harnesses
- Available in black or white to match the wire harness
- Thickness: 0.02 inches (0.5mm)



Part Number	Used with Cable Ties‡	Length A		Width B		Hole Spacing C		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm						
MP150-C	M, I, S	1.50	38.1	0.75	19.0	1.03	26.2	Nylon 6.6	White	Indoors	Cable Ties	100	500
MP175-C	M, I, S	1.75	44.4	0.75	19.0	1.28	32.5					100	500
MP200-C	M, I, S	2.00	50.8	0.75	19.0	1.53	38.9					100	500
MP250-C	M, I, S	2.50	63.5	0.75	19.0	2.03	51.6					100	500
MP350-C	M, I, S	3.50	88.9	0.75	19.0	3.03	77.7					100	1000
MP250W175-C	M, I, S	2.50	63.5	1.75	44.5	2.03	51.6					100	1000
MP150-C0	M, I, S	1.50	38.1	0.75	19.0	1.03	26.2	Weather Resistant Nylon 6.6	Black	Indoors/ Outdoors		100	500
MP175-C0	M, I, S	1.75	44.4	0.75	19.0	1.28	32.5					100	500
MP200-C0	M, I, S	2.00	50.8	0.75	19.0	1.53	38.9					100	500
MP250-C0	M, I, S	2.50	63.5	0.75	19.0	2.03	51.6					100	500
MP350-C0	M, I, S	3.50	88.9	0.75	19.0	3.03	77.7					100	1000

‡Cable tie cross section sizes: M = Miniature, I = Intermediate, and S = Standard.

Cable and Wire Mounting Devices (Used without Cable Ties)



Wiring accessories are an integral part of the Panduit comprehensive selection of wire management products.

These accessories are one piece solutions that help provide the lowest installed cost for controlling, mounting, and protecting wire and cable. Mounting methods include:

- Adhesive-backed
- Screw applied
- Rivet applied
- Push mounts

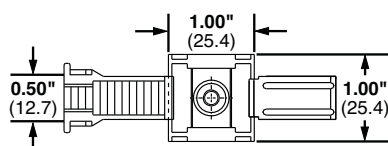
Adhesive Backed Mounting Devices

Faster Liner Removal Speeds Installation and Lowers Installed Cost

- The adhesive backed mounts are offered either as one or two mounts per liner
- The 2-up mounts are easily removed by bending the mounts away from the liner
- The individual mounts have a convenient tear tab for quick removal

c[®] US Clincher™ Adjustable Releasable Clamp

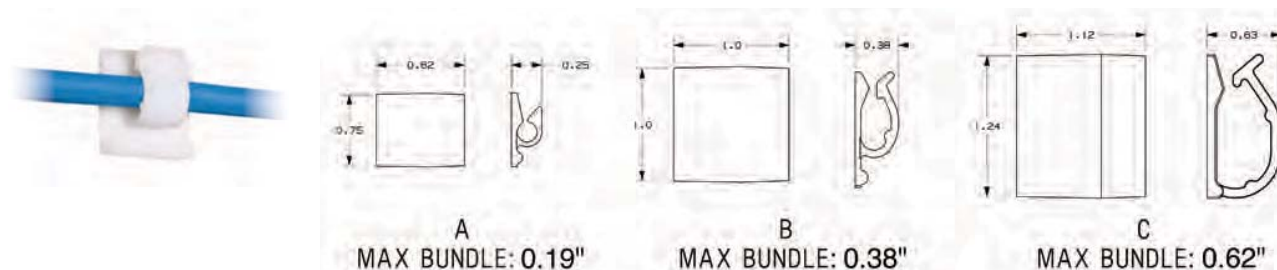
- Adjustable clamp designed to contain a range of cable bundle diameters
- For indoor use only
- Latch can be released to provide access to cable bundles
- Material: Polypropylene



Part Number	Bundle Diameter Range		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm				
ARC.68-A-Q	0.19 – 0.68	4.8 – 17.3	White	Rubber Adhesive Tape	25	250
ARC.68-A-Q14	0.19 – 0.68	4.8 – 17.3	Gray	Rubber Adhesive Tape	25	250
ARC.68-S6-Q	0.19 – 0.69	4.8 – 17.5	White	#6 (M3) Screw	25	250
ARC.68-S6-Q14	0.19 – 0.69	4.8 – 17.5	Gray	#6 (M3) Screw	25	250

ACC[®] US Adhesive Backed Cord Clips

- Cables are easily snapped into or out of the clips

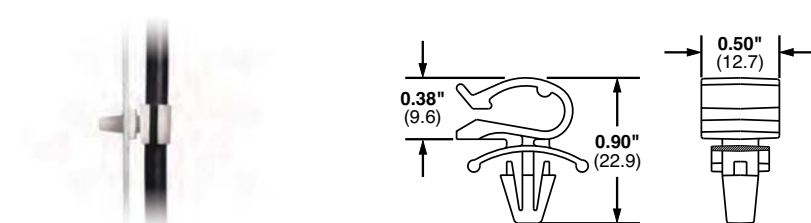


	Max. Bundle Dia.: 0.19"	Max. Bundle Dia.: 0.38"	Max. Bundle Dia.: 0.62"
Natural Nylon 6.6; Rubber Adhesive; 100 pc/pkg	ACC19-A-C	ACC38-A-C	ACC62-A-C
Natural Nylon 6.6; Acrylic Adhesive; 100 pc/pkg	ACC19-AT-C	ACC38-AT-C	ACC62-AT-C
Black Nylon 6.6; Rubber Adhesive; 100 pc/pkg	ACC19-A-C0	ACC38-A-C0	ACC62-A-C0
Black Weather Resistant Nylon 6.6; Acrylic Adhesive; 100 pc/pkg	ACC19-AT-C0	ACC38-AT-C0	ACC62-AT-C0
Black Heat Stabilized Weather Resistant Nylon; High Bond Acrylic Adhesive, 1,000 pc/pkg	ACC19-AV-M300*	ACC38-AV-M300*	ACC62-AV-M300*

*Not UL recognized

PMCC[®] Push Mount Cord Clip

- Cables are easily snapped into or out of clips
- Design of wing provides added stability
- Winged design holds mount in place even in applications where vibration is present



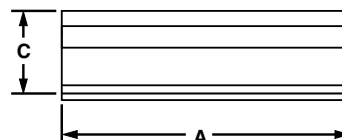
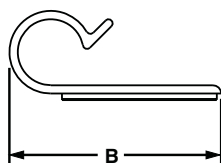
Part Number	Max. Bundle Diameter		Max. Panel Thickness		Panel Hole Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm						
PMCC38H25-C	0.38	9.6	0.105	2.7	0.250	6.4	Nylon 6.6	Natural	Indoors	Push Barb	100	1000
PMCC38H25-M0	0.38	9.6	0.105	2.7	0.250	6.4	Weather Resistant Nylon 6.6	Black	Outdoors		1000	5000

Order number of pieces required, in multiples of Standard Package Quantity.

c^{us} “J” Clips

- Low profile clips retain cords, cables, or tubing
- Flexible design allows for easy cord insertion, yet holds bundle tightly

- For indoor use only
- Material: PVC

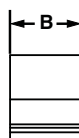
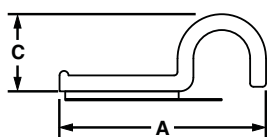


Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Diameter		Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm				
AJC12-A-C	0.12	3.0	1.00	2.54	0.86	21.8	0.19	4.8	0.13	3.3	Light Gray	Rubber Adhesive Tape	100	500
AJC19-A-C	0.19	4.8	1.25	3.18	0.87	22.1	0.26	6.6	0.18	4.6			100	500
AJC25-A-C	0.25	6.4	1.50	38.1	0.97	24.6	0.31	7.9	0.23	5.8			100	500
AJC31-A-C	0.31	7.9	1.75	44.5	1.22	30.1	0.40	10.2	0.29	7.4			100	500
AJC38-A-C	0.38	9.6	2.00	50.8	1.27	32.3	0.50	12.7	0.39	9.9			100	1000

c^{us} A1C Type Clips

- Hold cords, cables, and tubing
- Single rubber adhesive pad for confined areas

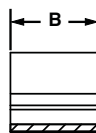
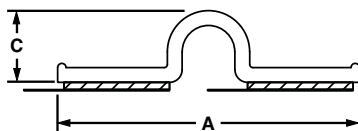
- For indoor use only
- Material: PVC



Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
A1C12-A-C8	0.12	3.0	0.77	19.6	0.63	16.0	0.23	5.8	Light Gray	Rubber	100	1000
A1C25-A-C8	0.25	6.4	0.91	23.1	0.63	16.0	0.38	9.7			100	1000
A1C38-A-C8	0.38	9.5	1.04	26.4	0.63	16.0	0.51	13.0			100	1000
A1C50-A-C8	0.50	12.7	1.17	29.7	0.63	16.0	0.64	16.3			100	1000

 A2C Type Clips

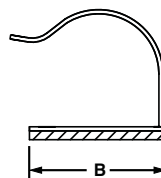
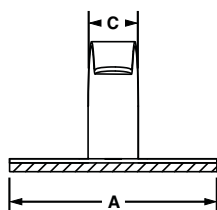
- Hold cords, cables, and tubing
- Two rubber adhesive pads for added strength
- For indoor use only
- Material: PVC



Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
A2C12-A-C8	0.12	3.0	1.30	33.0	0.63	16.0	0.23	5.8	Light Gray	Rubber	100	1000
A2C25-A-C8	0.25	6.4	1.43	36.3	0.63	16.0	0.36	9.1			100	1000
A2C38-A-C8	0.38	9.5	1.56	39.6	0.63	16.0	0.49	12.4			100	1000
A2C50-A-C8	0.50	12.7	1.72	43.7	0.63	16.0	0.61	15.5			100	1000

Metal Adhesive Backed Cord Clips

- Can be opened and closed without damaging clip in order to remove or add cables quickly and easily
- For indoor use only

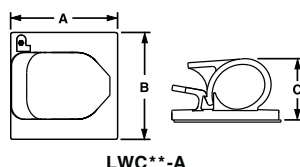


Part Number	Max. Bundle Diameter		Length A		Width B		Clip Width C		Material	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
MACC25-A-C	0.25	6.4	0.77	19.6	0.54	13.7	0.29	7.4	Zinc Plated Steel	Rubber	100	1000
MACC62-A-C	0.62	15.7	1.18	30.0	0.78	19.7	0.29	7.4			100	1000
MACC25-AV-D	0.25	6.4	0.77	19.6	0.54	13.7	0.29	7.4		High Bond Acrylic	500	1000
MACC62-AV-C	0.62	15.7	1.18	30.0	0.78	19.7	0.29	7.4			100	1000

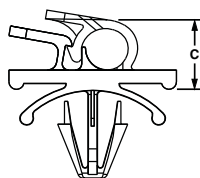
cALUS Latching Wire Clips

- Route and secure cords and cables
- Convenient releasable latch
- Available in six sizes with releasable latch

- Push barb parts are for use with a max panel thickness of 0.11" (2.7mm) and a hole diameter of 0.22" (5.6mm)
- For indoor use only
- Material: Nylon 6.6



LWC**-A

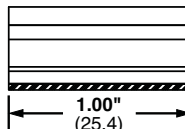
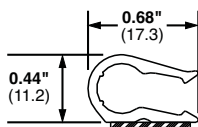


LWC**-H25

	Max. Bundle Diameter		Length		Width		Height				Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
Part Number	In.	mm	In.	mm	In.	mm	In.	mm	Color				
Adhesive Backed													
LWC19-A-C	0.19	4.8	0.85	21.6	0.61	15.5	0.39	9.9	Natural	Rubber Adhesive	100	1000	
LWC19-A-C14	0.19	4.8	0.85	21.6	0.61	15.5	0.39	9.9	Gray		100	1000	
LWC19-A-C20	0.19	4.8	0.85	21.6	0.61	15.5	0.39	9.9	Black		100	1000	
LWC25-A-C	0.25	6.4	0.88	22.2	1.00	25.4	0.45	11.4	Natural		100	1000	
LWC25-A-C14	0.25	6.4	0.88	22.2	1.00	25.4	0.45	11.4	Gray		100	1000	
LWC25-A-C20	0.25	6.4	0.88	22.2	1.00	25.4	0.45	11.4	Black		100	1000	
LWC38-A-C	0.38	9.5	1.00	25.4	1.00	25.4	0.56	14.2	Natural		100	1000	
LWC38-A-C14	0.38	9.5	1.00	25.4	1.00	25.4	0.56	14.2	Gray		100	1000	
LWC38-A-C20	0.38	9.5	1.00	25.4	1.00	25.4	0.56	14.2	Black		100	1000	
LWC50-A-L	0.50	12.7	1.26	32.0	1.00	25.4	0.67	17.0	Natural		50	1000	
LWC50-A-L14	0.50	12.7	1.26	32.0	1.00	25.4	0.67	17.0	Gray		50	1000	
LWC50-A-L20	0.50	12.7	1.26	32.0	1.00	25.4	0.67	17.0	Black		50	1000	
LWC75-A-L	0.75	19.1	1.48	37.6	1.24	31.5	0.90	22.9	Natural		50	1000	
LWC75-A-L14	0.75	19.1	1.48	37.6	1.24	31.5	0.90	22.9	Gray		50	1000	
LWC75-A-L20	0.75	19.1	1.48	37.6	1.24	31.5	0.90	22.9	Black		50	1000	
LWC100-A-L	1.00	25.4	2.21	56.1	1.97	50.0	1.26	32.0	Natural		50	1000	
LWC100-A-L14	1.00	25.4	2.21	56.1	1.97	50.0	1.26	32.0	Gray		50	1000	
LWC100-A-L20	1.00	25.4	2.21	56.1	1.97	50.0	1.26	32.0	Black		50	1000	
Push Mount													
LWC19-H25-C	0.19	4.8	0.85	21.6	0.51	12.8	0.41	10.4	Natural	Push Barb	100	1000	
LWC19-H25-C14	0.19	4.8	0.85	21.6	0.51	12.8	0.41	10.4	Gray		100	1000	
LWC25-H25-C	0.25	6.4	0.86	21.8	0.58	14.7	0.47	11.9	Natural		100	1000	
LWC25-H25-C14	0.25	6.4	0.86	21.8	0.58	14.7	0.47	11.9	Gray		100	1000	
LWC25-H25-C20	0.25	6.4	0.86	21.8	0.58	14.7	0.47	11.9	Black		100	1000	
LWC38-H25-C	0.38	9.5	0.94	23.9	0.58	14.7	0.57	14.5	Natural		100	1000	
LWC38-H25-C14	0.38	9.5	0.94	23.9	0.58	14.7	0.57	14.5	Gray		100	1000	
LWC38-H25-C20	0.38	9.5	0.94	23.9	0.58	14.7	0.57	14.5	Black		100	1000	
LWC50-H25-L	0.50	12.7	1.25	31.8	0.76	19.3	0.78	19.8	Natural		50	1000	
LWC50-H25-L14	0.50	12.7	1.25	31.8	0.76	19.3	0.78	19.8	Gray		50	1000	
LWC50-H25-L20	0.50	12.7	1.25	31.8	0.76	19.3	0.78	19.8	Black		50	1000	
LWC75-H25-L	0.75	19.1	1.45	36.8	0.87	22.1	0.97	24.7	Natural		50	1000	
LWC75-H25-L14	0.75	19.1	1.45	36.8	0.87	22.1	0.97	24.7	Gray		50	1000	
LWC75-H25-L20	0.75	19.1	1.45	36.8	0.87	22.1	0.97	24.7	Black		50	1000	
LWC100-H25-L	1.00	25.4	1.89	47.9	0.99	25.2	1.30	33.0	Natural		50	1000	
LWC100-H25-L14	1.00	25.4	1.89	47.9	0.99	25.2	1.30	33.0	Gray		50	1000	
LWC100-H25-L20	1.00	25.4	1.89	47.9	0.99	25.2	1.30	33.0	Black		50	1000	

Adhesive Backed Dual Cord Clip

- Holds two cables in high temperature applications

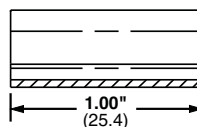
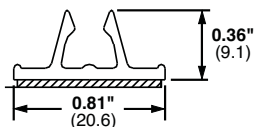


Part Number	Max. Bundle Diameter		Material	Color	Environment	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm						
Adhesive Backed								
ADCC31-AT-C10	0.33	9.0	NORYL *	White	Indoors	Acrylic	100	500

*NORYL Thermoplastic Resin is a registered trademark of General Electric Company.

Adhesive Backed Mount Cord Clip

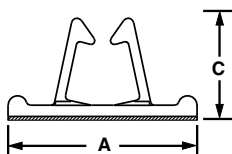
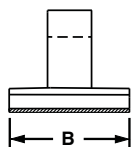
- Holds a single cable
- Vertical cable entry for ease of installation
- Funnel entry speeds cable insertion



Part Number	Max. Bundle Diameter		Material	Color	Environment	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm						
Adhesive Backed								
AMC25-AT-C10	0.22 – 0.28	6.0 – 7.0	PVC	White	Indoors	Acrylic	100	1000

Vertical Cord Clips

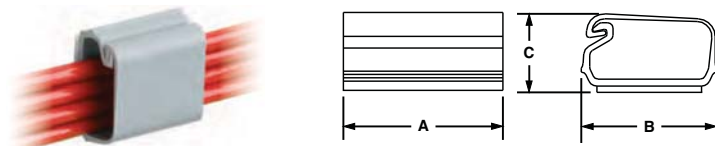
- Funnel entry design allows for easy insertion of cords and cables
- Vertical cable entry for ease of installation
- For indoor use only



Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Material	Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm					
Adhesive Backed													
VCC25-A-C	0.25	6.4	1.00	25.4	0.50	12.7	0.44	11.2	Nylon 6.6	Natural	Rubber	100	500
VCC50-A-C	0.25	12.7	1.56	39.7	1.00	25.4	0.81	20.6		Natural		100	500

c[®] US Adhesive Backed Latching Clips

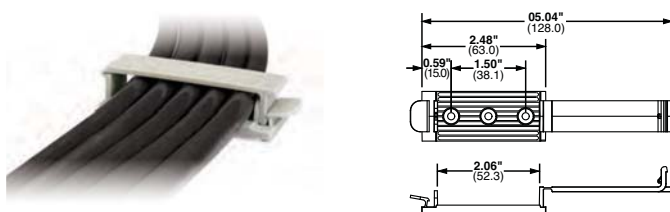
- Latching cover withstands vibration
- For indoor use only



Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Material	Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm					
LC3-A-C8	0.20	5.0	0.75	19.1	0.75	19.0	0.47	11.9	PVC	Light Gray	Rubber	100	1000
LC5-A-C8	0.36	9.1	1.01	25.7	1.01	25.7	0.61	15.5				100	1000
LC10-A-L8	0.93	23.6	1.51	38.4	1.51	38.4	0.84	21.3				50	500

c[®] US Cable Holder – Adhesive Backed

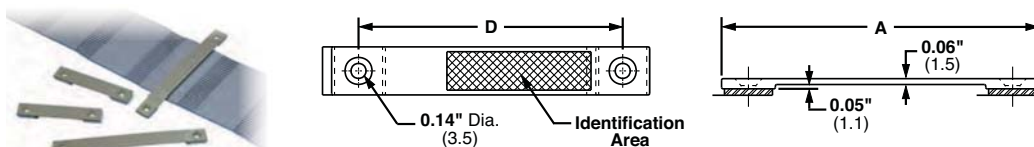
- Convenient releasable latch allows easy addition and removal of cables
- Low profile design provides a compact cable routing solution
- For indoor use only



Part Number	Cable Width		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm					
CH105-A-C14	2.06	52.3	Nylon 6.6	Gray	Rubber Adhesive Tape	100	1000
CH105-S6-C14	2.06	52.3			#6 (M3) Screw	100	1000

c[®] US Low Profile Flat Cable Mounts

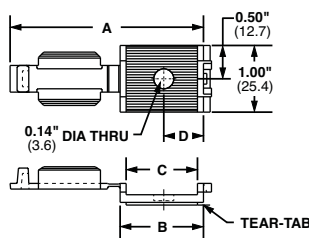
- Three sizes provide a cost effective flat cable containment for stack heights up to 0.105 inches (2.7mm)
- Features a matte, textured surface, for either hand written identification or application of computer labels
- Low profile design holds wires, cables, and tubing
- For indoor use only



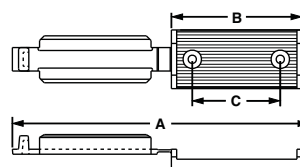
Part Number	Cable Width		Length A		Hole Spacing D		Material	Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm					
Adhesive Backed											
LPFCM14-A-C14	1.44	37.0	2.56	65.0	0.75	19.0	Nylon 6.6	Gray	Rubber	100	500
LPFCM22-A-C14	2.19	56.0	3.31	84.0	1.01	25.7				100	500
LPFCM34-A-C14	3.44	87.0	4.56	115.8	1.51	38.4				100	500

c[®] Latching Flat Cable Mounts

- Available in four sizes with a stack height of 0.17 inches (4.3mm) to accommodate different flat cable widths
- Low profile design holds wires, cables, and tubing
- Convenient releasable latch
- Large mounting base for high bonding strength
- For indoor use only
- Material: Nylon 6.6



FCM1 and FCM1.2

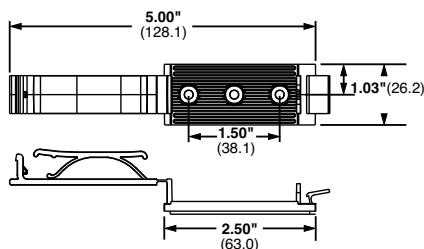


FCM2 and FCM3.25

Part Number	Cable Width		Length A		Width B		Hole Spacing C		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
Adhesive Backed												
FCM1-A-C14	1.05	26.7	2.90	73.7	1.05	26.7	—	—	Gray	Rubber Adhesive	100	500
FCM1.2-A-C14	1.20	30.5	3.16	80.3	1.37	34.8	—	—			100	1000
FCM2-A-C14	2.05	52.1	5.06	128.5	2.22	56.4	1.53	38.9			100	500
FCM3.25-A-L14	3.38	85.9	7.30	185.4	3.38	85.9	1.50	38.1			50	500
Screw Mounted												
FCM1-S6-C14	1.05	26.7	2.90	73.7	1.05	26.7	—	—	Gray	#6 (M3) Screw	100	1000
FCM1.2-S6-C14	1.20	30.5	3.16	80.3	1.37	34.8	—	—			100	1000
FCM2-S6-C14	2.05	52.1	5.06	128.5	2.22	56.4	1.53	38.9			100	1000
FCM3.25-S6-L14	3.38	85.9	7.30	185.4	3.38	85.9	1.50	38.1			50	500

c[®] Latching Flat Cable Holders

- Low profile design holds wires, cables, and tubing
- Convenient releasable latch
- Large mounting base for high bonding strength
- For indoor use only
- See also Flat Cable Mounting System on Page B2.23
- Material: Nylon 6.6

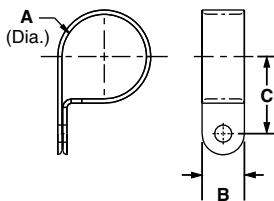


Part Number	Length		Cable Width		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm				
Adhesive Backed								
FCH2-A-C14	2.48	63.0	2.00	50.8	Gray	Rubber Adhesive	100	500
FCH2-S6-C14	2.48	63.0	2.00	50.8	Gray	#6 (M3) Screw	100	500

See also Flat Cable Mounting System on Page B2.23.

Fixed Diameter Cable Clamps

- Durable Nylon 6.6 cable clamps

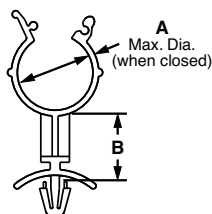


Part Number	Max. Bundle Diameter A		Width B		Bundle Offset C		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm			
CCS12-S8-C	0.12	3.1	0.37	9.4	0.33	8.4	#8 (M4) Screw	100	500
CCS19-S8-C	0.19	4.8	0.37	9.4	0.43	10.9	#8 (M4) Screw	100	500
CCS25-S8-C	0.25	6.3	0.37	9.4	0.41	10.4	#8 (M4) Screw	100	500
CCS25-S10-C	0.25	6.3	0.37	9.4	0.41	10.4	#10 (M5) Screw	100	500
CCS31-S8-C	0.31	7.9	0.37	9.4	0.49	12.4	#8 (M4) Screw	100	500
CCS38-S8-C	0.38	9.5	0.37	9.4	0.59	15.0		100	500
CCS44-S8-C	0.44	11.1	0.37	9.4	0.57	14.5		100	500
CCS50-S8-C	0.50	12.7	0.37	9.4	0.60	15.2		100	500
CCH12-S10-C	0.12	3.1	0.50	12.7	0.36	9.1		100	500
CCH19-S10-C	0.19	4.8	0.50	12.7	0.42	10.7	#10 (M5) Screw	100	500
CCH25-S10-C	0.25	6.3	0.50	12.7	0.46	11.7		100	500
CCH31-S10-C	0.31	7.9	0.50	12.7	0.50	12.7		100	500
CCH38-S10-C	0.38	9.5	0.50	12.7	0.53	13.5		100	500
CCH44-S10-C	0.44	11.1	0.50	12.7	0.56	14.2		100	500
CCH50-S10-C	0.50	12.7	0.50	12.7	0.59	15.0		100	500
CCH56-S10-C	0.56	14.2	0.50	12.7	0.61	15.5		100	500
CCH62-S10-C	0.62	15.7	0.50	12.7	0.65	16.5		100	500
CCH69-S10-C	0.69	17.5	0.50	12.7	0.75	19.1		100	500
CCH75-S10-C	0.75	19.1	0.50	12.7	0.78	19.8		100	500
CCH81-S10-C	0.81	20.6	0.50	12.7	0.81	20.6		100	500
CCH87-S10-C	0.87	22.1	0.50	12.7	0.84	21.3		100	500
CCH100-S10-C	1.00	25.4	0.50	12.7	0.91	23.1		100	500
CCH112-S10-C	1.12	28.4	0.50	12.7	0.97	24.6		100	500
CCH119-S10-C	1.19	30.2	0.50	12.7	1.00	25.4		100	500
CCH125-S10-C	1.25	31.8	0.50	12.7	1.06	26.9		100	500
CCH138-S10-C	1.37	34.8	0.50	12.7	1.12	28.4		100	500
CCH150-S10-C	1.50	38.1	0.50	12.7	1.19	30.2		100	500

All parts listed are also available in black weather resistant material (add suffix 0). Bulk package only.

c[®] **Wire Standoffs**

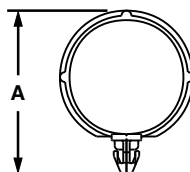
- For retaining wires, cable, components or tubing away from panel or conductive chassis
- Design of wing provides added stability
- Material: Nylon 6.6
- Finger grip flanges can be easily locked or unlocked for revisions
- For indoor use only



Part Number	Max. Bundle Diameter A		Standoff Height B		Max. Panel Thickness		Panel Hole Diameter		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
WS25-25-C	0.25	6.4	0.25	6.4	0.08	2.0	0.19	4.7	Natural	Push Barb	100	500
WS25-50-C	0.25	6.4	0.50	12.7	0.08	2.0	0.19	4.7			100	500
WS25-75-C	0.25	6.4	0.75	19.1	0.08	2.0	0.19	4.7			100	500
WS35-25-C	0.35	8.9	0.25	6.4	0.08	2.0	0.19	4.7			100	500
WS35-50-C	0.35	8.9	0.50	12.7	0.08	2.0	0.19	4.7			100	500
WS35-75-C	0.35	8.9	0.75	19.1	0.08	2.0	0.19	4.7			100	500
WS50-25-C	0.47	11.9	0.25	6.4	0.08	2.0	0.19	4.7			100	500
WS50-50-C	0.47	11.9	0.50	12.7	0.08	2.0	0.19	4.7			100	500
WS50-75-C	0.47	11.9	0.75	19.1	0.08	2.0	0.19	4.7			100	500
WS75-25-C	0.78	19.8	0.25	6.4	0.08	2.0	0.19	4.7			100	500
WS75-50-C	0.78	19.8	0.50	12.7	0.08	2.0	0.19	4.7			100	500
WS75-75-C	0.78	19.8	0.75	19.1	0.08	2.0	0.19	4.7			100	500

c[®] **Snap-In Clips**

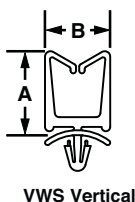
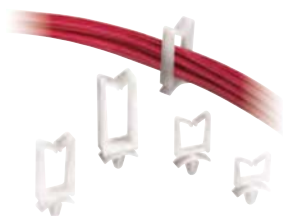
- Clip around bundle to hold securely in place
- Material: Nylon 6.6
- Clips are placed on the bundle then attached to the panel
- For indoor use only



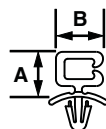
Part Number	Max. Bundle Diameter A		Standoff Height B		Max. Panel Thickness		Panel Hole Diameter		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
SICH25-C	0.25	6.4	0.40	20.9	0.10	2.5	2.5	6.4	Natural	Push Barb	100	500
SICH38-C	0.38	9.7	0.54	24.9	0.10	2.5	2.5	6.4			100	500
SICH50-C	0.50	12.7	0.67	28.2	0.10	2.5	2.5	6.4			100	500
SICH75-C	0.75	19.1	0.96	35.6	0.10	2.5	2.5	6.4			100	500
SICH100-C	1.00	25.4	1.21	41.9	0.10	2.5	2.5	6.4			100	500
SICH150-C	1.50	38.0	1.71	54.6	0.10	2.5	2.5	6.4			100	500

 Wire Saddles

- Funnel entry design for fast insertion of wires and cables
- Available in vertical and horizontal loading configurations
- Design of wing provides added stability
- Material: Nylon 6.6
- For indoor use only



VWS Vertical

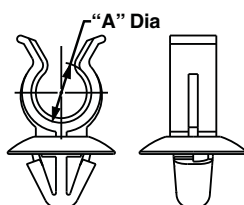


HWS Horizontal

Part Number	Max. Bundle Diameter		Height A		Width B		Max. Panel Thickness		Panel Hole Diameter		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm				
VWS3750-C	0.38 x 0.50	9.7 x 12.7	0.90	22.9	0.25	6.4	0.08	2.0	0.19	4.7	Natural	Push Barb	100	500
VWS3775-C	0.38 x 0.75	9.7 x 19.1	1.17	29.7	0.25	6.4	0.08	2.0	0.19	4.7			100	500
VWS50100-C	0.50 x 1.00	12.7 x 25.4	1.47	37.3	0.25	6.4	0.08	2.0	0.19	4.7			100	1,000
HWS2819-C	0.19 x 0.28	5.0 x 7.1	0.42	10.7	0.44	11.2	0.08	2.0	0.19	4.7			100	500

Corrugated Tubing Holder with Push Mount

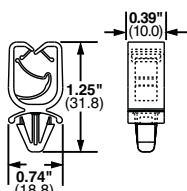
- Use to secure and route all standard sizes of solid wall or slit corrugated loom tubing
- Rugged clip prevents accidental disassembly of tubing due to shock or vibration
- Ribs prevent lateral movement of corrugated loom tubing along the mount



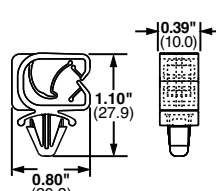
Part Number	Nominal Diameter A		Max. Panel Thickness		Panel Hole Diameter		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm		
CTH19U04-C30	0.19	5	0.125	3.2	0.386	9.8	100	—
CTH35U08-C30	0.35	9	0.125	3.2	0.386	9.8	100	500
CTH38U10-C30	0.38	10	0.125	3.2	0.386	9.8	100	—
CTH50U13-C30	0.50	13	0.125	3.2	0.386	9.8	100	—
CTH62U17-C30	0.62	17	0.125	3.2	0.386	9.8	100	—
CTH87U22-C30	0.87	22	0.125	3.2	0.386	9.8	100	—

Harness Clips

- Integral “spring” holds wire bundles tightly
- Available in vertical and horizontal loading configurations
- Design of wing provides added stability



HCMP06B

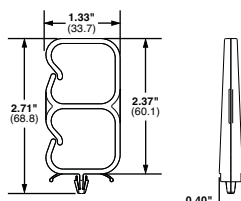


HCMP06C

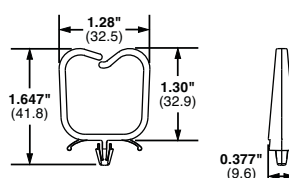
Part Number	Max. Bundle Diameter Range		Max. Panel Thickness		Panel Hole Diameter		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm					
HCMP06B12-M20	0.24 – 0.47	5.9 – 12.5	0.118	3.0	0.25	6.4	Nylon 6.6	Black	Push Mount	100	500
HCMP06C12-M20	0.24 – 0.47	5.9 – 12.5	0.105	2.7	0.25	6.4				100	500

Optical Fiber Network Saddles

- Use in pre-drilled 0.18 inch (4.0mm) holes in panels up to 0.09 inch (2.0mm) thick
- Smooth rounded edges eliminate potential for snagging and stress on cable



VWSDC



VWS106

Part Number	Max. Bundle Diameter		Material	Mounting Method	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm					
VWSDC-C*	1.06	26.9	Nylon 6.6	Push Barb	Natural	100	500
VWSDC-C20*	1.06	26.9	Nylon 6.6	Push Barb	Black	100	—
VWS106-C	1.06	26.9	Nylon 6.6	Push Barb	Natural		500
VWS106-C20	1.06	26.9	Nylon 6.6	Push Barb	Black		500

*Accepts two bundles.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Cable Ties & Accessories

C1. Wiring Duct

C2. Abrasion Protection

C3. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Industrial Safety Solutions

F. Keystone Cabling Systems

G. Part Number Index

PANDUIT®

Industrial Electrical Solutions

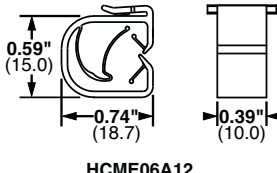
Nylon Edge Clips

• Integral “spring” holds wire bundles tightly

• Available in vertical and horizontal loading configurations

• Design of wing provides added stability

• Indoor/Outdoor use



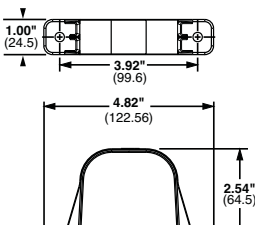
HCME06A12

Part Number	Max. Bundle Diameter Range		Max. Panel Thickness		Material	Color	Mounting Method	Std. Pkg. Qty.
	In.	mm	In.	mm				
HCME06Y12-M30	0.16 - 0.35	4.0 - 9.0	0.16	4	Heat Stabilized Nylon 6.6	Black	Clip onto Edge	1000
HCME06A12-M130	0.24 - 0.47	6.0 - 12.0	0.05	1.2	Acetal	Black	Clip onto Edge	1000
HCME04Y09-M130	0.16 - 0.35	4.0 - 9.0	0.16	4	Acetal	Black	Clip onto Edge	1000
HCME04Y09-M30	0.16 - 0.35	4.0 - 9.0	0.16	4	Heat Stabilized Nylon 6.6	Black	Clip onto Edge	1000
HCME06X12-VM139	0.24 - 0.47	6.0 - 12.0	0.09	2.2	Acetal	Natural	Clip onto Edge	5000

Wire Bundle Strap

• Securely routes large cable bundles

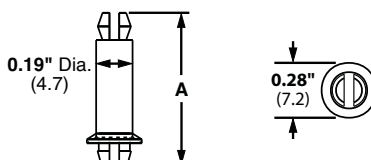
• Rounded edges prevent damage to cable jackets



Part Number	Bundle Retaining Area In. ²	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
WBS6-Q	6.00	ABS	White	Natural	25	125

Circuit Board Posts

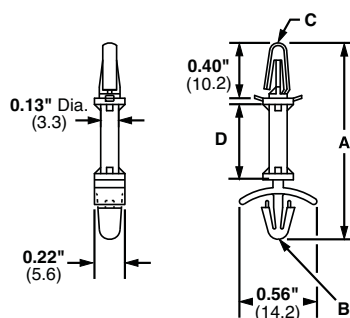
- For board-to-board or board-to-chassis mounting
- Bell flange on bottom end provides greater stability
- Releasable and reusable
- Material: Nylon 6.6
- Color: Natural



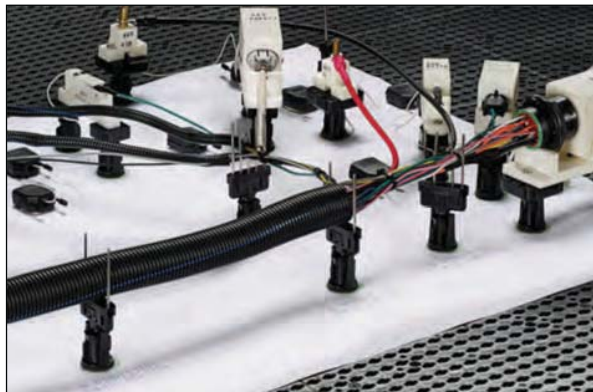
Part Number	Standoff Height		Height A		Panel Hole Diameter		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm			
CBP12-C	0.12	3.0	0.40	10.2	0.156	3.96	Push Barb	100	500
CBP25-C	0.25	6.4	0.54	13.5	0.156	3.96		100	500
CBP31-C	0.31	7.9	0.59	15.0	0.156	3.96		100	500
CBP37-C	0.37	9.4	0.62	15.7	0.156	3.96		100	500
CBP50-C	0.50	12.7	0.78	19.8	0.156	3.96		100	500
CBP62-C	0.62	15.7	0.91	23.0	0.156	3.96		100	500
CBP75-C	0.75	19.1	1.04	26.2	0.156	3.96		100	500
CBP87-C	0.87	22.1	1.15	29.2	0.156	3.96		100	500
CBP100-C	1.00	25.4	1.28	32.5	0.156	3.96		100	500

Circuit Board Locking Supports

- For board-to-chassis support
- Snap-in design for fast assembly
- Design of wing provides added stability
- Releasable and reusable
- Material: Nylon 6.6



Part Number	Height A		Panel Hole Diameter A		Chassis Panel Hole Diameter C		Standoff Height D		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				
CBLS18-C	0.92	23.4	0.19	4.8	0.16	4.0	0.19	4.7	Natural	Push Barb	100	500
CBLS25-C	0.98	24.9	0.19	4.8	0.16	4.0	0.25	6.4			100	500
CBLS37-C	1.11	28.2	0.19	4.8	0.16	4.0	0.38	9.5			100	500
CBLS50-C	1.23	31.2	0.19	4.8	0.16	4.0	0.50	12.7			100	500
CBLS62-C	1.35	34.3	0.19	4.8	0.16	4.0	0.63	15.9			100	500
CBLS75-C	1.48	37.5	0.19	4.8	0.16	4.0	0.75	19.1			100	500

A. System Overview	PANDUIT® Industrial Electrical Solutions								
B1. Cable Ties	Quick-Build™ Harness Board System								
B2. Cable Accessories	A Revolutionary Modular Solution for Harness Manufacturers The modular, reusable solution consists of 1' X 1' (305mm x 305mm) grid tiles and specially designed, repositionable accessories that improve the productivity of wire harness assembly builds by up to 18%. The Quick-Build™ Accessories are more effective than nail, magnetic, or snap-in routing fixture methods. Accessories easily twist and lock in place until you're ready to make a change for faster routing of wires and design flexibility. Low-Volume-High-Mix (LVHM) manufacturers achieve the greatest savings due to reduced material costs — up to 65% of layout and board builds. By reducing the number of bulky plywood boards, the Quick-Build™ Harness Board System delivers more than 50% in storage space savings. Whether you need to build a variety of wire and cable assemblies to meet different customer specifications or for prototyping new harness designs, the more you build, the greater your profitability. 								
B3. Stainless Steel Cable Ties & Accessories									
C1. Wiring Duct									
C2. Abrasion Protection									
C3. Cable Management									
D1. Terminals	Quick-Build™ Starter Kit Kit of Quick-Build™ components and various harness board accessories allows customers to evaluate the Quick-Build™ solution by simply ordering a single part number								
D2. Power Connectors									
D3. Grounding Connectors									
E1. Labeling Systems	 <table><tr><th>Part Number</th><th>Description</th><th>Std. Pkg. Qty.</th></tr><tr><td>QB-KIT1</td><td>Starter Kit with initial assortment of Quick-Build™ components essential for faster wire harness builds. Kit include (8) grid tiles, (30) mounting pegs, (20) mounting platforms, and a wide assortment of harness board accessories and nail/nail bases.</td><td>1</td></tr></table>			Part Number	Description	Std. Pkg. Qty.	QB-KIT1	Starter Kit with initial assortment of Quick-Build™ components essential for faster wire harness builds. Kit include (8) grid tiles, (30) mounting pegs, (20) mounting platforms, and a wide assortment of harness board accessories and nail/nail bases.	1
Part Number	Description	Std. Pkg. Qty.							
QB-KIT1	Starter Kit with initial assortment of Quick-Build™ components essential for faster wire harness builds. Kit include (8) grid tiles, (30) mounting pegs, (20) mounting platforms, and a wide assortment of harness board accessories and nail/nail bases.	1							
E2. Labels									
E3. Pre-Printed & Write-On Markers									
E4. Permanent Identification	Quick-Build™ Grid Tile - Install on top of plywood backing to provide mounting surface - Secure to plywood with user supplied screws								
E5. Industrial Safety Solutions	 <table><tr><th>Part Number</th><th>Description</th><th>Std. Pkg. Qty.</th></tr><tr><td>QB-TILE</td><td>1' X 1' (305mm x 305mm) square base component that allows Quick-Build™ mounting pegs and platforms to create a modular harness system. One package includes 8 tiles. Black.</td><td>1 PK</td></tr></table>			Part Number	Description	Std. Pkg. Qty.	QB-TILE	1' X 1' (305mm x 305mm) square base component that allows Quick-Build™ mounting pegs and platforms to create a modular harness system. One package includes 8 tiles. Black.	1 PK
Part Number	Description	Std. Pkg. Qty.							
QB-TILE	1' X 1' (305mm x 305mm) square base component that allows Quick-Build™ mounting pegs and platforms to create a modular harness system. One package includes 8 tiles. Black.	1 PK							
F. Keystone Cabling Systems									
G. Part Number Index									

Quick-Build™ Mounting Pegs

- Repositionable to allow user to build different harness configurations as needed
- Pointed end inserts through drawing secured to grid tiles, providing the ability to create a harness on top of a drawing

Note: Required for use with Quick-Build™ mounting platform and Quick-Build™ nail holders to provide a modular harness board system



Part Number	Description	Std. Pkg. Qty
QB-MOUNT-L	Peg can be positioned and relocated. Accepts single nail holders, five nail holders, and Quick-Build™ mounting platforms. Allows accessories to rotate as needed even after mounting peg is installed into grid tile. Black.	50

Replacement Washers

Part Number	Qty
QB-WASHER-Q	25

Quick-Build™ Mounting Platform

- Requires the use of the Quick-Build™ mounting pegs to provide a modular solution
- Repositionable, allowing user to build different harness configurations as needed
- Provides the ability to rotate to allow breakouts and cable pathways to accommodate various harness design requirements
- Use Quick-Build™ mounting screws (sold separately, see page B2.45) to secure harness board accessories to the Quick-Build™ mounting platform



Part Number	Description	Std. Pkg. Qty
QB-BASE175-Q	Mounting platform that is inserted in Quick-Build™ mounting pegs 1.75" x 1.75" (44.45mm x 44.45mm). Allows elastic retainers, wire end holders, corner posts, bundle retainers and other harness board accessories to create a complete Quick-Build™ harness system. Compatible with: #4, #6, #8, and 1/4" screws. Black.	25
QB-BASE120-Q	Mounting platform that is inserted in Quick-Build™ pegs 1.2" x 1.2" (30.48mm x 30.48mm). Allows test fixtures corner posts, wire end holders, and other harness board accessories to be installed to provide a complete Quick-Build™ harness system. Compatible with #8 screw size. Screw length will vary based on test fixtures and accessories used. Note: Consider multiple QB-BASE120-Q components for large test fixtures. Black.	25

Quick-Build™ Screws

- Used to secure traditional harness board accessories and test fixtures to Quick-Build™ mounting platform
- Phillips/slot combination screw style



Part Number	Description	Std. Pkg. Qty
QB-S6-500-C	#6 screw; 1/2" long	100
QB-S8-500-C	#8 screw; 1/2" long	100
QB-S8-750-C	#8 screw; 3/4" long	100
QB-S25-500-C	1/4" screw; 1/2" long	100
QB-S25-1000-L	1/4" screw; 1" long	50

Quick-Build™ Single Nail Holder

- Requires the use of the Quick-Build™ mounting pegs to provide a modular solution
- Repositionable, allowing user to build different harness configurations as needed
- Allows the use of harness board nails (sold separately, see page B2.47)
- Use with single nails to create pathways and breakout channels



Part Number	Description	Compatible Harness Board Single Nail Part Number (see Page B2.47)	Std. Pkg. Qty.
QB-SN1-Q	Single nail holder to accommodate one 1" nail. White	HBN1-T	25
QB-SN2-Q	Single nail holder to accommodate one 2" nail. Black	HBN2-T	25
QB-SN3-Q	Single nail holder to accommodate one 3" nail. Gray	HBN3-T	25

Quick-Build™ Five Nail Holder

- Requires the use of Quick-Build™ mounting pegs to provide a modular solution
- Repositionable, allowing user to build different harness configurations as needed
- Allows the use of up to five harness board nails (sold separately, see B2.47)
- Use with nails to create pathways and breakout channels with harness board nails



Part Number	Description	Compatible Harness Board Single Nail Part Number (see Page B2.47)	Std. Pkg. Qty.
QB-FN1-Q	Five nail holder to accommodate up to five 1" nails. White	HBN1-T	25
QB-FN2-Q	Five nail holder to accommodate up to five 2" nails. Black	HBN2-T	25
QB-FN3-Q	Five nail holder to accommodate up to five 3" nails. Gray	HBN3-T	25

Quick-Build™ Grid Tile Connector

- Optional accessory for use with grid tiles to prevent the need for plywood backing and ensure accurate alignment of grid system
- Recommended for adjacent tiles where corners of two or four tiles come together



Part Number	Description	Std. Pkg. Qty.
QB-CONN	Grid tile connector to ensure accurate alignment of Grid System. One package includes five pieces. Black	1

Traditional Harness Board Accessories

Panduit harness board accessories have been around for a long time and continue to provide easy routing and forming of wires in harness fabrication.

Harness Board Nails

- Manufactured from Nickel Plated Steel
- Smooth finish on nails prevents abrasion to wire jackets



Part Number	Description	Compatible QB Components (see Page B2.46)	Std. Pkg. Qty.
HBN1-T	Harness Board Nail - 1" long (1.65" overall).	QB-SN1-Q and QB-FN1-Q	200
HBN2-T	Harness Board Nail - 2" long (2.66" overall).	QB-SN2-Q and QB-FN2-Q	200
HBN3-T	Harness Board Nail - 3" long (3.67" overall).	QB-SN3-Q and QB-FN3-Q	200

Elastic Retainers – Replaceable Version

- Cable bundles are formed as individual wires are inserted
- The elastic band is replaceable
- Completed bundles can be easily removed



Replacement Elastic	
Part Number	Qty
RER.5E-X	10
RER.75E-X	10
RER1.25E-X	10
RER2.0E-X	10

Part Number	Description	Compatible QB Components (see Page B2.45)	Std. Pkg. Qty.
RER.5-S6-X	Elastic retainer with replaceable elastic band. Suitable for 0.5" maximum bundle capacity.	QB-BASE175-Q and QB-S6-500-C	10
RER.75-S6-X	Elastic retainer with replaceable elastic band. Suitable for 0.75" maximum bundle capacity.		10
RER1.25-S6-X	Elastic retainer with replaceable elastic band. Suitable for 1.25" maximum bundle capacity.		10
RER2.0-S6-X	Elastic retainer with replaceable elastic band. Suitable for 2.0" maximum bundle capacity.		10

Elastic Retainers

- Cable bundles are formed as individual wires are inserted
- Completed bundles can be easily removed



Part Number	Description	Compatible QB Components (see B2.45)	Std. Pkg. Qty.
ER.5-E4-X	Elastic Retainer. Suitable for 0.5" maximum bundle capacity.	QB-BASE175-Q and QB-S6-500-C	10
ER1.25-E4-X	Elastic Retainer. Suitable for 1.25" maximum bundle capacity.	QB-BASE175-Q and QB-S6-500-C	10

Bundle Retainers

- Funnel entry allows fast cable insertion
- Completed bundles can be easily removed



Part Number	Description	Compatible QB Components (see pages B2.45)	Std. Pkg. Qty.
BR.5-E6-C	Bundle Retainer. Suitable for 0.5" maximum bundle capacity. 1.07" standoff height. Black	QB-BASE175-Q and QB-S6-500-L	100
BR.75-E6-C	Bundle Retainer. Suitable for 0.75" maximum bundle capacity. 0.95" standoff height. Black	QB-BASE175-Q and QB-S6-500-L	100
BR2-1.3-X	Bundle Retainer. Suitable for 2.0" maximum bundle capacity. 1.32" standoff height. Black	QB-BASE175-Q and QB-S25-500-L	10
BR2-1.5-X	Bundle Retainer. Suitable for 2.0" maximum bundle capacity. 1.59" standoff height. Black	QB-BASE175-Q and QB-S25-1000-L	10
BR2-4-X	Bundle Retainer. Suitable for 2.0" maximum bundle capacity. 4.06" standoff height. Black	QB-BASE175-Q and QB-S25-1000-L	10
BR2-6-X	Bundle Retainer. Suitable for 2.0" maximum bundle capacity. 6.02" standoff height. Black	QB-BASE175-Q and QB-S25-1000-L	10

Corner Posts

- Designed to pre-form tight bundles at harness corners and breakouts
- Top arm rotates upward for easy removal of completed harness



Part Number	Description	Compatible QB Components (see pages B2.45)	Std. Pkg. Qty.
CPH.75-S8-X	Corner post to assist in tight corners of harness systems. 0.75" maximum bundle diameter. Center of bundle is 1.35" from surface.	QB-BASE120-Q or QB-BASE175-Q and QB-S8-500-C	10
CPL.75-S8-X	Corner post to assist in tight corners of harness systems. 0.75" maximum bundle diameter. Center of bundle is 0.56" from surface.	QB-BASE120-Q or QB-BASE175-Q and QB-S8-500-C	10

Wire End Holder

- Secures wire ends while harness is being fabricated
- Use with #28 thru #16 AWG wires



Part Number	Description	Compatible QB Components (see pages B2.45)	Std. Pkg. Qty.
WEH-E8-C	Use to retain end of wire in secure position. Helps when making terminations or dressing harness.	QB-BASE120-Q or QB-BASE175-Q and QB-S8-500-C	100

Fanning Strip System

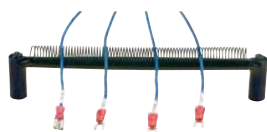
- Holds wires in a specific orientation
- No sharp edges to damage wire insulation
- Accepts wires up to 18 AWG
- Fanning strip can remain as part of completed harness



Part Number	Description	Compatible QB Components (see pages B2.45)	Std. Pkg. Qty.
FSH40-X	Fanning strip holder to elevate FS156 Fanning Strip 0.62" above surface. 6.00" long. Black	QB-BASE120-Q or QB-BASE175-Q and QB-S8-500-C	10
FSHH-X	Fanning strip holder to elevate FS156 Fanning Strip 1.42" above surface. 3.2" long. Black	QB-BASE120-Q or QB-BASE175-Q and QB-S8-500-C	10
FS156-C	Fanning strip with 76 spaces for wires up to 18 AWG. 12.1" long and 0.31" tall.	N/A	100

Spring Wire Breakout System

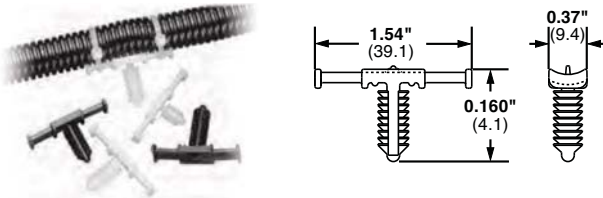
- Harness board spring and spring holder secures wire ends while harness is being fabricated
- Wires simply pull out from spring when harness is removed
- Each SHH Spring Holder is supplied with one rigid wire piece to hold the spring laterally and two #8 (M4), 2" (50.8mm) hex head wood screws; purchase spring separately



Part Number	Description	Compatible QB Components (see pages B2.45)	Std. Pkg. Qty.
SHH1-S8-X	Spring Wire Holder that elevates spring 1.3" above surface. Compatible with PBSC1-X spring. Black	QB-BASE120-Q or QB-BASE175-Q and QB-S8-500-C	10
SHH3-S8-X	Spring Wire Holder that elevates spring 1.3" above surface. Compatible with PBSC3-X spring. Black	QB-BASE120-Q or QB-BASE175-Q and QB-S8-500-C	10
PBSC1-X	Spring compatible with SHH1-S8-X Spring Wire Holder.	NA	10
PBSC3-X	Spring compatible with SHH3-S8-X Spring Wire Holder.	NA	10
PBSC6-X	Spring used independent of Spring Wire Holder. Requires 6" spacing for mounting. Can be secured directly to Quick-Build™ Mounting Platform.	QB-BASE175-Q and QB-S25-500-L	10
PBSC12-X	Spring used independent of Spring Wire Holder. Requires 12" spacing for mounting. Can be secured directly to Quick-Build™ Mounting Platform.	QB-BASE175-Q and QB-S25-500-L	10

c^{us} Tie Harness Mounts for Corrugated Tubing

- Designed to be attached to the wire harness during assembly
- Cable ties can be installed by hand or with Panduit® automatic cable tie tools
- Used with harness board standoff posts
- A location tab on the mount shelf aligns with the corrugated tubing grooves to ensure proper mount location during assembly
- Natural nylon material for indoor use
- Heat stabilized nylon material (30) for high temperature applications – indoor use

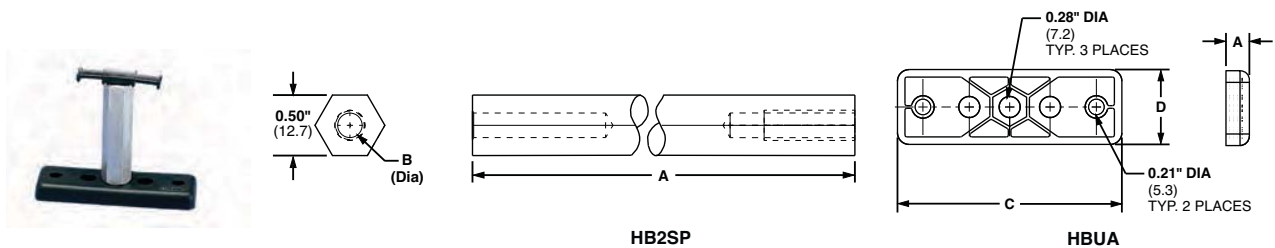


Part Number	Used with Cable Ties‡	Maximum Panel Thickness		Panel Hole Diameter		Hole Spacing C		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm					
THMSP20-C	M, I, S	0.160	4.1	0.244 – 0.283	6.2 – 7.2	1.03	26.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP20-C30	M, I, S	0.160	4.1	0.244 – 0.283	6.2 – 7.2	1.28	32.5	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000
THMSP25-C	M, I, S	0.230	5.8	0.244 – 0.283	6.2 – 7.2	1.53	38.9	Nylon 6.6	Natural	Push Barb	100	1000
THMSP25-C30	M, I, S	0.230	5.8	0.244 – 0.283	6.2 – 7.2	2.03	51.6	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000

*Cable tie cross section sizes: M = Miniature, I = Intermediate, S = Standard.

Harness Board Standoff Posts and Adapter

- Used to hold a push mount accessory or cable tie at a specific location on a harness board



Part Number	Height A		Hole Diameter A		Length C		Width D		For Use With	Material	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm					
Posts													
HB2SP19-X	2.00	50.8	0.20	5.2	—	—	0.50	12.7	PLWP, PRWP, WS, VWS, HWS, TPM	Aluminum	Bolt — Included	10	100
HB2SP25-X	2.00	50.8	0.30	7.5	—	—	0.50	12.7	PLWP, PRWP, PLP, THMS, HCMP, PMCC	Aluminum	Bolt — Included	10	100
Adapter													
HBUA-X	0.31	7.9	0.28	7.1	3.00	76.2	1.00	25.4	HB2SP19-X, HB2SP25-X	Nylon 6.6	#10 (M5) Screw	10	100

Order number of pieces required, in multiples of Standard Package Quantity.

Physical Properties and Colors of Cable Accessory Materials

Design Criteria	Nylon 6.6	Flame Retardant Nylon 6.6	Weather Resistant Nylon 6.6	Heat Stabilized Nylon 6.6	Heat Stabilized Weather Resistant Nylon 6.60	Impact Resistant Nylon 6.6
Part Number Suffix	None (Natural or White), 14 (Gray), 20 (Black), 15 (Ivory)	60, 69, 20	0	30	300	None
Color	Natural, White, Gray, Black, Ivory	Black, Natural	Black	Black	Black	Black
Maximum Continuous Use Temperature	185F (85C)	230F (110C)	167F (75C)	167F (75C)	167F (75C)	185F (85C)
Minimum Continuous Use Temperature	-40F (-40C)	-40F (-40C)	-40F (-40C)	-40F (-40C)	-40F (-40C)	-40F (-40C)
UL Flammability - UL94	V-2	V-0	V-2	V-2	V-2	HB
UV Resistance	Poor	Poor	Good	Fair	Good	Poor
Water Absorption	1.3% (24 hrs)	1.1% (24 hrs)	1.2% (24hrs)	1.2% (24hrs)	1.2% (24hrs)	1.0% (24 hrs)
Gamma Radiation Resistance	Good	1x10 ⁴ 5 Rads	Good	Good	Good	Good

Design Criteria	PVC	Acetal	Acetal Heat Stabilized	-39 Material for Contour Multiple Tie Plates	Metal Detectable Nylon	Metal Detectable Polypropylene
Part Number Suffix	None, 8, 810	None	130, 139	39	86	186
Color	Gray, White	Black	Natural	Natural	Light Blue	Dark Blue
Maximum Continuous Use Temperature	122F (50C)	194F (90C)	194F (90C)	257F (125C)	149F (65C)	149F (65C)
Minimum Continuous Use Temperature	-40F (-40C)	-40F (-40C)	-40F (-40C)	-40F (-40C)	-40F (-40C)	-40F (-40C)
UL Flammability - UL94	V-0	HB	HB	V-2	N/A	N/A
UV Resistance	Poor	Good	Good	Poor	N/A	N/A
Water Absorption	0.3% (24 hrs)	0.43% (24 hrs)	0.65% (24hrs)	1.2% (24hrs)	N/A	N/A
Gamma Radiation Resistance	N/A	Poor	Poor	Good	N/A	N/A

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1. Not recommended for use on copper or brass.
2. Mounts manufactured from outdoor material only. For specific applications, individual testing prior to extensive use is suggested.
3. Depends on concentration, exposure time, and chemical composition.

Selection and Use of Adhesive Mounts

Panduit® adhesive mounts provide a quick, economical, and dependable method of supporting, routing, and protecting wires or cables. Some are used with Panduit cable ties and others can be used without cable ties. Adhesive backed mounts adhere to a variety of surfaces. This alternative to mechanical fasteners offers the advantage of lower installed cost with safe, easy to use, quality products.

Applications

- To route wires in control panels and switchboards
- To support bundles of wires away from moving mechanical devices
- Routing and harnessing cables, both indoors and out, to prevent safety hazards
- To organize flat cables in many locations with low profile construction
- Ideal for supporting wire bundles where holes cannot be made in the substrate
- To separate groups of wires for identification

General Mount Guidelines

Panduit pressure sensitive adhesive (foam tape) mounts are intended to secure wire bundles or other light objects to smooth surfaces. These mounts are not designed to support excessive loads and should not be used when the maximum expected load exceeds the rated capacity of the mount.

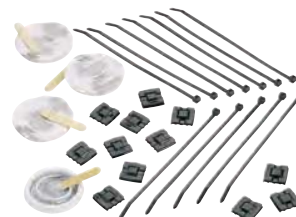
Choosing the Right Adhesive

Panduit offers two standard pressure sensitive foam tapes which are available on most adhesive backed wiring accessories products. The general purpose tape is produced with a rubber based adhesive and is identified by an “-A” in the part number. This tape develops its strength extremely fast and can be used in environments with temperatures ranging from -20°F (-29°C) to 120°F (49°C). It is recommended that rubber based adhesive mounts dwell 2 hours after installation, prior to loading. Rubber based adhesive tape is the best choice for most adhesive mount applications, including powder coated surfaces.

Acrylic based adhesive tape is also available and is identified by an “-AT” in the part number. This tape is for use in environments where continuous exposure to temperatures ranging from -20°F (-29°C) to 180°F (82°C) is possible. Acrylic based adhesive develops its maximum strength over a longer period of time than rubber based adhesive. It is recommended that acrylic adhesive mounts dwell 8 hours after installation, prior to loading. Acrylic based adhesive tape is a good choice for environments with exposure to UV rays or temperatures above 120°F (49°C).

Panduit adhesive backed cable accessories are also available pre-installed with high bond acrylic-based adhesive. This adhesive can be used in applications with continuous use temperatures ranging from -31°F (-35°C) to 200°F (93°C), though higher temperatures may be possible for short-term exposure. High Bond cable accessories are recommended for use in demanding applications such as where high temperatures are required, or where fatigue loading is expected.

Panduit also offers a 2-part epoxy for use in applications where excessive loading is required, or where the surface to which the mount must be applied is porous rather than smooth. Panduit EMA adhesive is a 2-part epoxy cement which is packaged in convenient mixer cups containing an equal amount of resin and hardener. Peel the protective covering off and pop the center of the cup in to form a mixing bowl. Each cup is supplied with a mixer stick and contains enough epoxy to properly apply three EMS mounts. The resin and hardener should be thoroughly mixed together until the epoxy is a consistent and uniform color. The mixer stick can then be used to apply the adhesive to the mount. The epoxy should be forced into the grooves on the bottom of the mount to obtain optimum bond performance. The mount should be applied to the surface with light pressure and a back-and-forth twisting motion. Hardening of the epoxy begins five minutes after mixing at room temperature.



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Selection and Use of Adhesive Mounts (continued)

Surface Preparation

For best results, Panduit® adhesive mounts should be applied to clean, dry, grease-free surfaces. We recommend that the surface be cleaned prior to mount installation. For rubber and acrylic based foam tape adhesives, a blend of isopropyl alcohol and water 50/50 may be used to clean most surfaces.

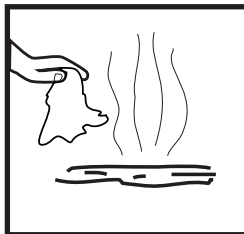
For epoxy type adhesives, especially masonry surfaces, be sure to clean all loose particles away before mount installation. Some surface abrasion is recommended to achieve maximum strength. A light rubbing with medium grit emery cloth or sandpaper is best. Wash after abrading.

Proper Installation Techniques For Pressure Sensitive Adhesive Mounts

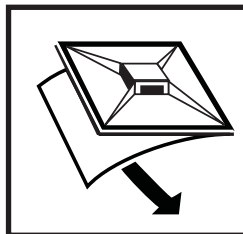
For proper installation of adhesive mounts with foam tape, simply remove the release liner and place the mount in the desired location. Avoid touching the adhesive prior to positioning the mount. Apply firm pressure to the mount for 5 seconds to insure proper adhesion.



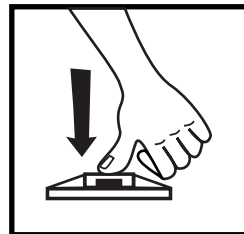
1) Clean surface with a clean cloth and isopropyl alcohol.



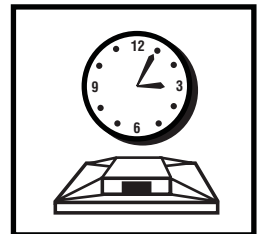
2) Allow surface to air dry.



3) Remove the release liner, being careful not to touch the adhesive.



4) Apply full thumb pressure for at least 5 seconds.



5) Allow mount to properly dwell.

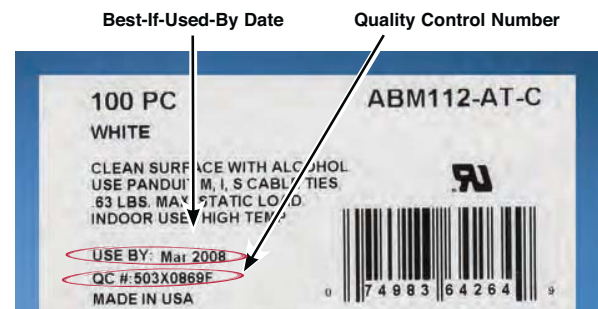
Proper Storage Conditions

All Panduit adhesive products have an expiration date printed on the package label. Use the following storage guidelines:

- For rubber and acrylic based foam tape adhesives, store in temperatures of 70°F (21°C) and 45% Relative Humidity (R.H.).
- For epoxy type adhesives, store in temperatures of 40°F (4°C) to 75°F (25°C) and relative humidity not in excess of 45%. Storage in opened containers is not recommended. Using the guidelines above, the shelf life of foam tape is 3 years. Shelf life of epoxy is 1 year. Deviation from the recommended storage conditions may reduce the shelf life or adhesive strength. In any case, adhesive products should never be stored near heating vents or other heat sources, and storage in lower temperatures than those recommended may increase the shelf life.

Stock Rotation

Adhesive mount inventory should be rotated in order to insure the quality of the adhesive foam tape. Each package of Panduit adhesive backed mounts has a quality control number and a best-if-used-by date on the package label. The best-if-used-by date provides the customer with an accurate way to control the rotation of inventory, and, as is the case with all Panduit products, the quality control number provides complete traceability for all components that go into a specific production run of product.



Mount Removal

There is no simple or easy method for removing Panduit adhesives. A thin wire or razor blade can be moved in between the surfaces when removing foam tape mounts; however, the adhesive residue will remain on the surface. Epoxy adhesives may be removed with a commercial paint stripping solution.

Order number of pieces required, in multiples of Standard Package Quantity.