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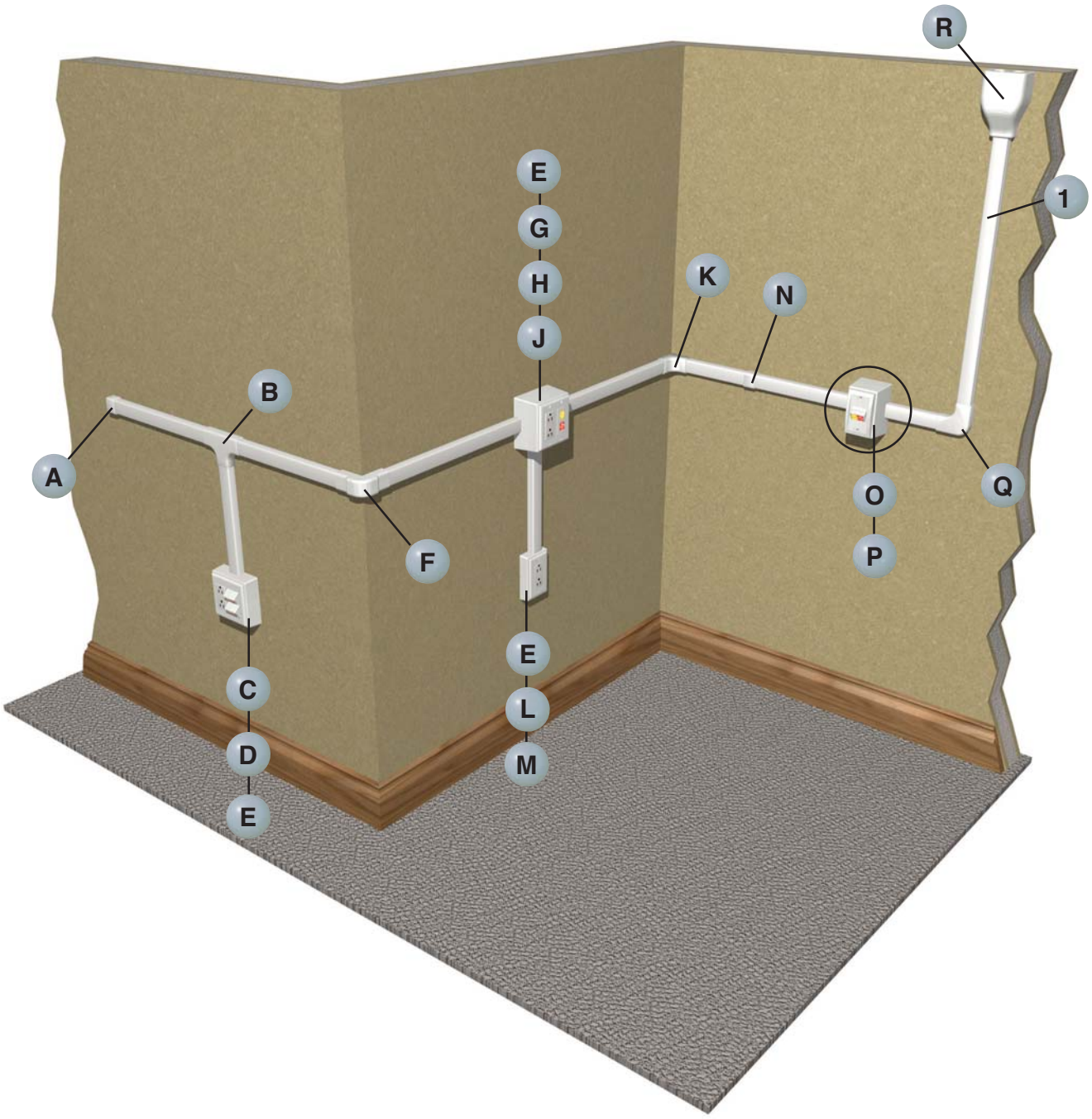
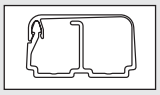
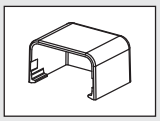
LD2P10 Profile Raceway Roadmap



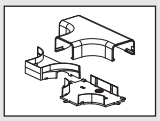
Order number of pieces required, in multiples of Standard Package Quantity.



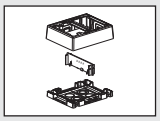
1 LD2P10IW – Raceway (page H.9)



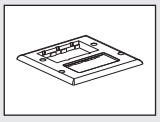
A ECFX10IW – Power Rated End Cap Fitting (page H.8)



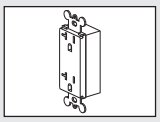
B TFXD10IW – 1 Inch Bend Radius Tee Fitting (page H.9)



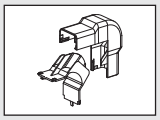
C JBP2SIW – Power Rated Double Gang Two-Piece Divided Box (page H.24)



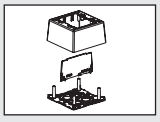
D FP2RCIW – Double Gang Rectangular Electrical and Two Communication Insert Faceplate (page H.25)



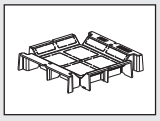
E ERU20IW – 20 A Rectangular Electrical Outlet (page H.26)



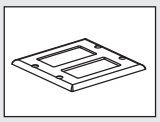
F OCFX10IW – 1 Inch Bend Radius Outside Corner Fitting (page H.7)



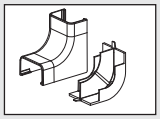
G JBP2DIW – Power Rated Double Gang Two-Piece Deep Box (page H.22)



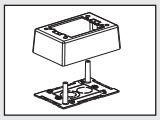
H JBD2 – Double Gang Pass Through and Divider for LD2P10 Raceway (page H.24)



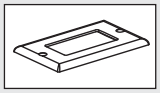
J CPGIW-2G – Double Gang Rectangular Screw-On Faceplate (page H.25)



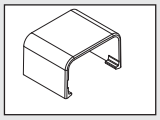
K ICFX10IW – Power Rated Inside Corner Fitting (page H.8)



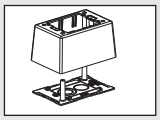
L JBP1IW – Power Rated Single Gang Two-Piece Box (page H.23)



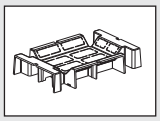
M CPGIW – Single Gang Rectangular Screw-On Faceplate (page H.25)



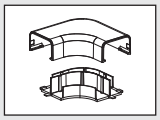
N CFX10IW – Power Rated Coupler Fitting (page H.8)



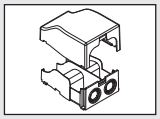
O JBP1DIW – Single Gang Two-Piece Deep Box (page H.23)



P JBD1 – Single Gang Pass Through Divider for LD2P10 Raceway (page H.23)



Q RAFX10IW – Power Rated Right Angle Fitting (page H.8)



R EEFXIW – Power Rated/1 Inch Bend Radius Entrance End Fitting (page H.9)

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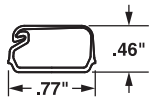
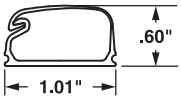
Pan-Way® LD Surface Raceway System

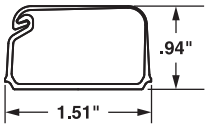
- For routing data and low voltage cabling
- One-piece hinged design allows cables to be laid in
- Factory applied adhesive backing speeds installation
- FT4 rated
- Terminates using surface mount outlet box solutions or Panduit® Mini-Com® Surface Mount Boxes



LD3
Internal Area = .21 Sq. In.



LD5
Internal Area = .38 Sq. In.



LD10
Internal Area = 1.00 Sq. In.

LD3

LD5

LD10

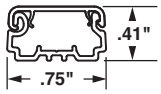
Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
LD3 – Surface Raceway					
LD3IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	.77" x .46" (20.0mm x 12.0mm)	Off White	6	120
LD3IW8-A				8	160
LD3IW10-A				10	200
LD5 – Surface Raceway					
LD5IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	1.01" x .58" (26.0mm x 15.0mm)	Off White	6	120
LD5IW8-A				8	160
LD5IW10-A				10	200
LD10 – Surface Raceway					
LD10IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	1.51" x .94" (38.4mm x 24.0mm)	Off White	6	120
LD10IW8-A				8	160
LD10IW10-A				10	200

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).
Order number of feet required in multiples of standard length increments.
See D-SRSG02--WW-ENG, Surface Raceway Selection Guide or D-SRLC01--WW-ENG, Surface Raceway Line card for additional information.

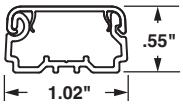
Order number of pieces required, in multiples of Standard Package Quantity.

Pan-Way® LDPH Surface Raceway System

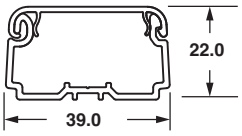
- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Two-piece hinged design allows cables to be laid in
- Tamper resistant
- Factory applied adhesive backing speeds installation
- Terminates using surface mount outlet box solutions or Panduit® Mini-Com® Surface Mount Boxes



LDPH3
Internal Area = .17 Sq. In.



LDPH5
Internal Area = .33 Sq. In.



LDPH10
Internal Area = .62 Sq. In.

LDPH3

LDPH5

LDPH10

Part Number	Part Description	Raceway Size	Color‡	Length (Ft.)	Std. Ctn. Qty.
LDPH3 – Surface Raceway					
LDPH3IW6-A	Tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6' and 8' lengths.	.75" x .41" (20.0mm x 10.4mm)	Off White	6	120
LDPH3IW8-A				8	160
LDPH5 – Surface Raceway					
LDPH5IW6-A	Tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6' and 8' lengths.	1.02" x .55" (26.0mm x 14.0mm)	Off White	6	120
LDPH5IW8-A				8	160
LDPH10 – Surface Raceway					
LDPH10IW6-A	Tamper resistant two-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6' and 8' lengths.	1.52" x .86" (39.0mm x 22.0mm)	Off White	6	120
LDPH10IW8-A				8	160

LDPH raceway requires screw mounting for power cabling applications.
Order number of feet required in multiples of standard length increments.
‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).
See D-SRSG02--WW-ENG, Surface Raceway Selection Guide or D-SRLC01--WW-ENG, Surface Raceway Line card for additional information.

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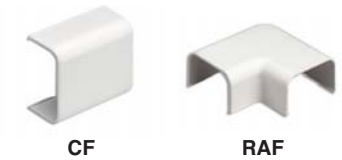
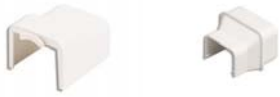
Standard Fittings for Low Voltage Applications


CF RAF

ICF OCF

TF ECF

CRFC DCF


FBA RF

Part Number	Part Description	Color‡	Std. Pkg. Qty.
CF3IW-E	Coupler fitting for use with LD3 raceway.	Off White	20
CF5IW-E	Coupler fitting for use with LD5 raceway.	Off White	20
CF10IW-X	Coupler fitting for use with LD10 raceway.	Off White	10
RAF3IW-E	Right angle fitting for use with LD3 raceway.	Off White	20
RAF5IW-E	Right angle fitting for use with LD5 raceway.	Off White	20
RAF10IW-X	Right angle fitting for use with LD10 raceway.	Off White	10
ICF3IW-E	Inside corner fitting for use with LD3 raceway.	Off White	20
ICF5IW-E	Inside corner fitting for use with LD5 raceway.	Off White	20
ICF10IW-X	Inside corner fitting for use with LD10 raceway.	Off White	10
OCF3IW-E	Outside corner fitting for use with LD3 raceway.	Off White	20
OCF5IW-E	Outside corner fitting for use with LD5 raceway.	Off White	20
OCF10IW-X	Outside corner fitting for use with LD10 raceway.	Off White	10
TF3IW-E	Tee fitting for use with LD3 raceway.	Off White	20
TF5IW-E	Tee fitting for use with LD5 raceway.	Off White	20
TF10IW-X	Tee fitting for use with LD10 raceway.	Off White	10
ECF3IW-E	End cap fitting for use with LD3 raceway.	Off White	20
ECF5IW-E	End cap fitting for use with LD5 raceway.	Off White	20
ECF10IW-X	End cap fitting for use with LD10 raceway.	Off White	10
CRFC5IW-X	Four way cross fitting for use with LD5 and LDPH5 raceway.	Off White	10
DCF3IW-X	Drop ceiling/entrance end fitting for use with LD3 raceway.	Off White	10
DCF5IW-X	Drop ceiling/entrance end fitting for use with LD5 raceway.	Off White	10
DCF10IW-X	Drop ceiling/entrance end fitting for use with LD10 raceway.	Off White	10
FBA5IW-X	Fire box adapter for use with LD5/LDPH5 profile raceway. NOTE: For low voltage applications only.	Off White	10
FBA10IW-X	Fire box adapter for use with LD10/LDPH10 profile raceway. NOTE: For low voltage applications only.	Off White	10
RF5X3IW-E	Reducer fitting for LD raceway from size 5 to size 3. For use with LD5 and LD3 raceway. For in-line terminations, use with CF5IW-E.	Off White	20
RF10X3IW-X	Reducer fitting for LD raceway from size 10 to size 3. For use with LD3 and LD10 raceway. For in-line terminations, use with CF10IW-X.	Off White	10
RF10X5IW-X	Reducer fitting for LD raceway from size 10 to size 5. For use with LD5 and LD10 raceway. For in-line terminations, use with CF10IW-X.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).
See D-SRSG02--WW-ENG, Surface Raceway Selection Guide or D-SRLC01--WW-ENG, Surface Raceway line card for additional information.

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

One Inch Bend Radius Fittings for TIA/EIA Compliance

- One inch bend radius fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

RAFC

ICFC

OCFX

TFC

CRFC5

Part Number	Part Description	Color‡	Std. Pkg. Qty.
RAFC3IW-X	Right angle fitting for use with LD3 and LDPH3 raceway.	Off White	10
RAFC5IW-X	Right angle fitting for use with LD5 and LDPH5 raceway.	Off White	10
RAFC10IW-X	Right angle fitting for use with LD10 and LDPH10 raceway.	Off White	10
ICFC3IW-X	Inside corner fitting for use with LD3 and LDPH3 raceway.	Off White	10
ICFC5IW-X	Inside corner fitting for use with LD5 and LDPH5 raceway.	Off White	10
ICFC10IW-X	Inside corner fitting for use with LD10 and LDPH10 raceway.	Off White	10
OCFX3IW-X	Outside corner fitting for use with LDPH3 raceway.	Off White	10
OCFX5IW-X	Outside corner fitting for use with LDPH5 raceway.	Off White	10
OCFX10IW-X	Outside corner fitting for use with LDPH10 and LD2P10 raceway.	Off White	10
TFC3IW-X	Tee fitting for use with LD3 and LDPH3 raceway.	Off White	10
TFC5IW-X	Tee fitting for use with LD5 and LDPH5 raceway.	Off White	10
TFC10IW-X	Tee fitting for use with LD10 and LDPH10 raceway.	Off White	10
CRFC5IW-X	Four way cross fitting for use with LD5 and LDPH5 raceway.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).
See D-SRSG02--WW-ENG, Surface Raceway Selection Guide or D-SRLC01--WW-ENG, Surface Raceway line card for additional information.

Power Rated Fittings for Power to 600 V — LDPH/LDS/LD2P Raceway Only

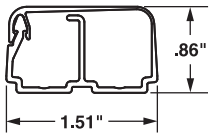
Part Number	Part Description	Color‡	Std. Pkg. Qty.
CFX3IW-X	Coupler fitting for use with LDPH3 raceway.	Off White	10
CFX5IW-X	Coupler fitting for use with LDPH5 raceway.	Off White	10
CFX10IW-X	Coupler fitting for use with LD10 raceway.	Off White	10
RAFX3IW-X	Right angle fitting for use with LDPH3 raceway.	Off White	10
RAFX5IW-X	Right angle fitting for use with LDPH5 raceway.	Off White	10
RAFX10IW-X	Right angle fitting for use with LDPH10 raceway.	Off White	10
ICFX3IW-X	Inside corner fitting for use with LDPH3 raceway.	Off White	10
ICFX5IW-X	Inside corner fitting for use with LDPH5 raceway.	Off White	10
ICFX10IW-X	Inside corner fitting for use with LDPH10 raceway.	Off White	10
OCFC3IW-X	Outside corner fitting for use with LDPH3 raceway.	Off White	10
OCFC5IW-X	Outside corner fitting for use with LDPH5 raceway.	Off White	10
OCFC10IW-X	Outside corner fitting for use with LDPH10 raceway only.	Off White	10
TFX3IW-X	Tee fitting for use with LDPH3 raceway.	Off White	10
TFX5IW-X	Tee fitting for use with LDPH5 raceway.	Off White	10
TFX10IW-X	Tee fitting for use with LDPH10 raceway only.	Off White	10
CRFX5IW-X	Four-way cross fitting for use with LDPH5 raceway.	Off White	10
CEFXIW-X	Conduit entrance end fitting. This power rated two-piece fitting is designed to accommodate the entrance of 1/2" conduit or align with knockouts on surface mount electrical boxes. For use with LD3/LDPH3 and has breakouts available to work with LD5/LDPH5 and LD10/LDPH10. Cover and base snap together – no hardware is required.	Off White	10
ECFX3IW-X	End cap fitting for use with LDPH3 raceway.	Off White	10
ECFX5IW-X	End cap fitting for use with LDPH5 raceway.	Off White	10
ECFX10IW-X	End cap fitting for use with LDPH10 raceway.	Off White	10
DCEFXIW-X	Drop ceiling/entrance end fitting for use with LD3, LDPH3, LD5, LDPH5, LD10 and LDPH10 raceway. Use CA3IW-X or CA5IW-X adapters for LD3 or LD5 profile raceway.	Off White	10
RAEFXIW-X	Right angle/entrance end fitting for use with LD3, LDPH3, LD5, LDPH5, LD10 and LDPH10 raceway. CA3IW-X or CA5IW-X adapters for LD3 or LD5 profile raceway.	Off White	10
RFX53IW-X	Reducer fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5 and LDS5 raceway. For in-line terminations, use with CFX5IW-X.	Off White	10
RFX103IW-X	Reducer fitting for use with LD3, LDPH3, LD10 and LDPH10 raceway. For in-line terminations, use with CFX10IW-X.	Off White	10
RFX105IW-X	Reducer fitting for use with LD5, LDPH5, LD10 and LDPH10 raceway. For in-line terminations, use with CFX10IW-X.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).
See D-SRSG02--WW-ENG, Surface Raceway Selection Guide or D-SRLC01--WW-ENG, Surface Raceway line card for additional information.

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

Pan-Way® Type LD2P10 Multi-Channel Surface Raceway System

- UL and CSA rated 600 V; meets UL 5A and CSA C22.2 No. 62.1-03 standards; FT4 rated
- Routes power and data together
- One-piece hinged design allows cables to be laid in
- Tamper resistant
- Factory applied adhesive backing speeds installation
- Terminates using JBP1D, JBP2D, JBP2FS or JBP2S surface mount outlet box solutions



Left Internal Area = .43 Sq. In.
Right Internal Area = .50 Sq. In.

Part Number	Part Description	Raceway Size	Color	Length (Ft.)	Std. Ctn. Qty.
LD2P10IW8-A	Two channel tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' lengths.	1.52" x.86" (39.0mm x 22.0mm)	Off White	8	160

LD2P raceway requires screw mounting if it is being used for power cabling applications.
Order number of feet required in multiples of standard length increments.

Multi-Channel Fittings for LD2P10

- Multi-channel fittings for LD2P10 are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

CFX10

RAFX10

ICFX10

OCFX10

TFXD10

ECFX10

EEFX

Part Number	Part Description	Color	Std. Pkg. Qty.
CFX10IW-X	Coupler fitting for use with LD2P10 raceway.	Off White	10
RAFX10IW-X	Right angle fitting for use with LD2P10 raceway.	Off White	10
ICFX10IW-X	Inside corner fitting for use with LD2P10 raceway.	Off White	10
OCFX10IW-X	Outside corner fitting for use with LD2P10 raceway.	Off White	10
TFXD10IW-X	Tee fitting with divided insert to maintain separation of power and data cabling. For use with LD2P10 raceway.	Off White	10
ECFX10IW-X	End cap fitting for use with and LD2P10 raceway.	Off White	10
EEFXIW	Entrance end fitting for LD2P10 raceway. Breakouts for 1/2" and 3/4" diameter conduit.	Off White	1

See D-SRSG02--WW-ENG, Surface Raceway Selection Guide or D-SRLC01--WW-ENG, Surface Raceway line card for additional information.

Raceway Adapters for LD Raceway

- Fit into universal breakout of DCEFX or RAEFX fittings
- For use with types LD3, LDPH3, LD5 and LDPH5 raceway

CA3
CA5

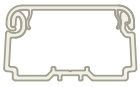
Part Number	Part Description	Color‡	Std. Pkg. Qty.
CA3IW-X	Adapter fits into universal breakout of DCEFX or RAEFX fittings. For use LD3, LDPH3 raceway.	Off White	10
CA5IW-X	Adapter fits into universal breakout of DCEFX or RAEFX fittings. For use LD5, LDPH5 raceway.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).
See D-SRSG02--WW-ENG, Surface Raceway Selection Guide or D-SRLC01--WW-ENG, Surface Raceway line card for additional information.

Cable Fill Capacities for LD Profile Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

LD3	LD5	LD10
.21 in.²	.38 in.²	1.00 in.²



LDPH3	LDPH5	LDPH10
.17 in.²	.33 in.²	89 in.²

LD2P10—Left	LD2P10—Right
.43 in.²	.50 in.²

LDS3	LDS5
.21 in.²	.38 in.²

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

Raceway Type and Configuration	Fill Area (In.²)	Electrical Cables			Data Grade Cables		Data Grade Cables		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	23 AWG/UTP		23 AWG/UTP CM		RG6		2 Strand	
		THHN/T90			Category 6 (4-pr.)		Category 6A					
		0.111	0.130	0.164	Dia. = 0.240		Dia. = 0.285		Dia. = 0.275		Dia. = 0.175	
		FILL			FILL		FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
		(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
LD3	0.21	—	—	—	1	2	1	1	1	2	3	5
LD5	0.38	—	—	—	3	5	2	3	2	3	6	9
LD10	1.00	—	—	—	8	13	6	9	6	10	16	24
LDPH3	0.17	9	7	4	1	2	1	1	1	1	2	4
LDPH5	0.33	14	12	8	2	4	2	3	2	3	5	8
LDPH10	0.89	18	18	16	7	11	5	8	5	8	14	22
LD2P10 – Left channel	0.43	14	11	8	—	—	—	—	—	—	—	—
LD2P10 – Right channel	0.50	—	—	—	4	6	3	4	3	5	8	12

AWG dimensions represent typical outer cable diameter in inches.

Continues on next page

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