

A.
System
Overview

Raceway Adapters for LD Raceway

- Fit into universal breakout of DCEFX or RAEFX fittings
- For use with types LD3, LDPH3, LDS3, LD5, LDPH5 and LDS5 raceway



CA3
CA5

Part Number	Part Description	Color†	Std. Pkg. Qty.	Std. Ctn. Qty.
CA3IW-X	Adapter fits into universal breakout of DCEFX or RAEFX fittings. For use LD3, LDPH3, and LDS3 raceway.	Off White	10	50
CA5IW-X	Adapter fits into universal breakout of DCEFX or RAEFX fittings. For use LD5, LDPH5, and LDS5 raceway.	Off White	10	50

†For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

C1.
Wiring
Duct

C2.
Surface
Raceway

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	.98 in. ²



LD2P10 – Left	LDP210 – Right
.43 in. ²	.50 in. ²



LDS3	LDS5
.21 in. ²	.38 in. ²

D1.
Terminals

D2.
Power
Connectors

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.

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
Index

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	23/24 AWG/UTP		23 AWG/UTP CM		RG6		2 Strand	
		THHN/T90			Category 6 (4-pr.)		Augmented Category 6					
		0.111	0.130	0.164	Dia. = 0.250		Dia. = 0.354		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	0	1	1	2	3	5
LD5	0.38	—	—	—	3	4	1	2	2	3	6	9
LD10	1.00	—	—	—	8	12	4	7	6	10	16	24
LDPH3	0.17	9	7	4	1	2	0	1	1	1	2	4
LDPH5	0.33	14	12	8	2	4	1	2	2	3	5	8
LDPH10	0.89	18	18	16	7	10	4	6	5	8	14	22
LD2P10 – Left channel	0.43	14	11	8	—	—	—	—	—	—	—	—
LD2P10 – Right channel	0.50	—	—	—	4	6	2	3	3	5	8	12
LDS3	0.21	9	6	4	1	2	0	1	1	2	3	5
LDS5	0.38	10	8	5	3	4	1	2	2	3	6	9

AWG dimensions represent typical outer cable diameter in inches.