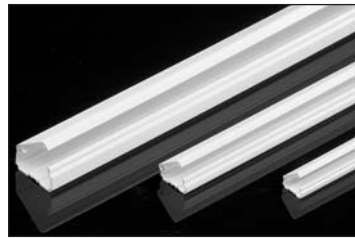


PAN-WAY® Hinged LDPH Raceway

specifications

PAN-WAY® Hinged LDPH Raceway is a pre-assembled, non-metallic single channel raceway, designed to route, protect and conceal data, voice, video, fiber optic or power cabling. The raceway shall be listed as suitable for use in applications up to 600 volts between conductors by Underwriters Laboratories, Inc. per standard 5A/CSA C22.2 No. 62. 1-03, when screw secured and installed per instructions. The raceway will include a full complement of power, bend radius control (BRC), and standard fittings consisting of, but not limited to: elbows (internal and external), couplings for joining raceway sections, blank end fittings for closing open ends of the raceway, entrance fittings, reducer fittings, and tee fittings. The BRC fittings shall incorporate a minimum 1" bend radius as recommended for Category 5e & 6 UTP and fiber optic cabling in TIA/EIA-568-B. Hinged LDPH Surface Raceway will be manufactured in three different lengths from impact-resistant material with flammability rating of V-0. Hinged LDPH Raceway finish shall be pure color and will resist scratches and dents and will not peel or corrode. Hinged LDPH raceway shall be available in three sizes, four standard colors and shall be optimized for use with the PANDUIT® PAN-NET® Communication System.



technical information

Material:	Rigid PVC
Flammability:	V-0, FT4
Voltage rating:	UL5A/CSA C22.2 No. 62.1-03 600V
Approvals:	c-UL-us UL Listed 95425 (raceway); UL Listed E116129 (fittings)
NEC:	Article 388
Color:	Off White (IW), Electrical Ivory (EI), International Gray (IG), White (WH)
CSI spec form:	LP-CSISPEC-LDPH-2

key features and benefits

Hinged cover design	Cover remains open without use of tools or fixtures; speeds placement of wires and cables into the raceway
Non-slip liner cover	Keeps cover from sliding when in an open position. Particularly useful when product is used in vertical applications.
Pre-assembled two-piece design	Reduces labor; speeds installation, lowers installed cost
Highly tamper resistant	Difficult for untrained personnel to access the raceway. Provides maximum security for communication cabling and maximum safety for power cabling.
Available in three sizes and works with existing fitting designs	Flexibility – several sizes to choose from. Works with existing PANDUIT fittings and junction boxes, increased application flexibility
Mounting holes in base	Eliminates need for drilling holes in raceway and speeds installation
Adhesive backing	Installations are faster and easier; reducing cost of installation
Non-metallic construction	Lightweight, solid color throughout, high impact resistance, and easy to cut with standard cutting tools. Single person installation reduces installer fatigue and installation costs. Material will not chip, peel, rust or corrode, masks scratches and is extremely durable for long life.

applications

PAN-WAY® Hinged LDPH Raceway is a single channel raceway, which provides solutions for routing power or low voltage data and fiber optic cabling along perimeter walls. Hinged LDPH

Raceway has a tamper resistant design and is available with bend radius control and power rated fittings.

www.panduit.com

PAN-WAY® LDPH Raceway

Raceway: LDPH*IW**-A

LDPH Fittings

Outside corner fitting: OCFX*IW-X

Inside corner fitting: ICFX*IW-X

Right angle fitting: RAFX*IW-X

Tee fitting: TFX*IW-X

Four-way cross fitting: CRFX5IW-X

End cap fitting: ECFX*IW-X

Drop ceiling/entrance end fitting: DCEFXIW-X

Right angle/entrance end: RAEFXIW-X

LDPH5 TO LDPH3 reducer fitting: RFX53IW-X

LDPH10 TO LDPH5 reducer fitting: RFX105IW-X

LDPH10 TO LDPH3 reducer fitting: RFX103IW-X

Coupler fitting: CFX*IW-X

*Insert raceway size 3, 5 or 10.

**Insert raceway length of 6', 8' or 10'

All parts listed in Off White (IW) color. To order other colors substitute Electrical Ivory (EI), International Gray (IG), and White (WH). All products shown are power rated up to 600V. These are also available in 1" Bend Radius Fittings.

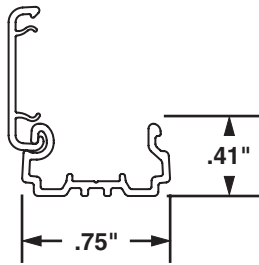
PAN-WAY® Hinged LDPH Raceway

Wire Fill

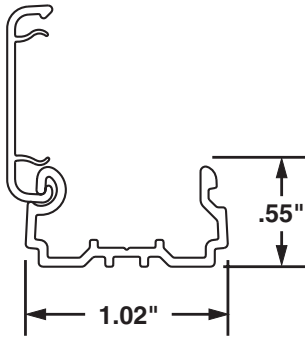
Raceway Type	Fill Area (IN ²)	*Electrical						Data Grade Cable				Coax Cable		Fiber Optic Cable	
		14 AWG		12 AWG		10 AWG		24 AWG/UTP CM				RG6		2 Strand	
		THHN						CAT5 4pr.		CAT6 4pr.					
		.105 DIA.		.122 DIA.		.153 DIA.		.217 DIA.		.250 DIA.		.275 DIA.		.175 DIA.	
		Maximum Fill						Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.
USA	Canada	USA	Canada	USA	Canada	40%	60%	40%	60%	40%	60%	40%	60%		
LDPH3	.17	9	7	7	5	4	3	1	2	1	2	1	1	2	4
LDPH5	.33	14	14	12	11	8	7	3	5	2	4	2	3	5	8
LDPH10	.89	18	18	18	18	16	16	9	14	7	10	5	8	14	22

*Wires not bundled

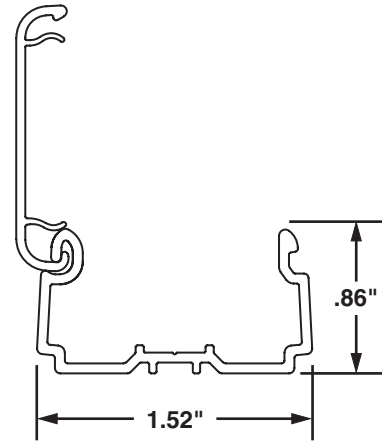
LDPH Lineart



LDPH3
Internal Area = .17 Sq. In.

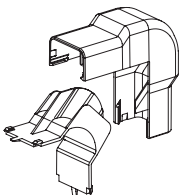


LDPH5
Internal Area = .33 Sq. In.

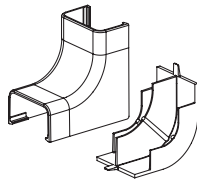


LDPH10
Internal Area = .89 Sq. In.

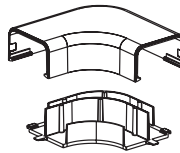
Fittings



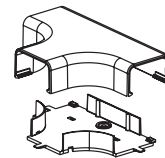
OCFX



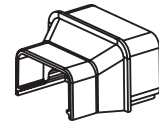
ICFX



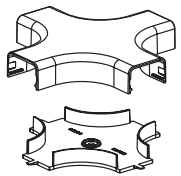
RAFX



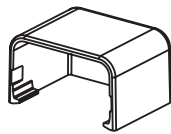
TFX



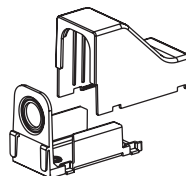
RFX



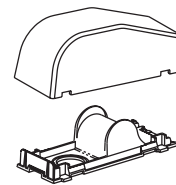
CRFX5



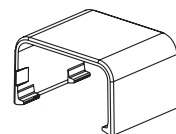
ECFX



DCEFX



RAEFX



CFX

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8/2005