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Pan-Way® Hinged LDPH Raceway System

PANDUIT®
SPECIFICATION SHEET

specifications

LDPH non-metallic series is a power rated, single channel, pre-assembled two-piece hinged cover design surface raceway. It shall be suitable for use in applications up to 600 volts, shall include adhesive backing and shall be made of impact resistant material with a smooth finish that shall not scratch, peel or corrode. The raceway shall include an assortment of bend radius and standard fittings that complement the offering to help route, protect and conceal power or low voltage cabling. LDPH raceway shall be available in three sizes and three standard colors that shall be optimized for use with the Pan-Net communication system.



technical information

Material:	Rigid PVC
Flammability:	UL94V-0; FT4
Voltage Rating:	UL-5A 600VAC; CSA C22.2 No. 62.1-03 600 V
Approvals:	UL Listed 95425 (raceway); UL Listed E116129 (fittings)
NEC:	Article 388
Colors:	White (WH), Off White (IW), Electrical Ivory (EI)
Capacity:	Single-channel
Operating and Storage Temperature:	0°C to 50°C
BRC Fittings:	Minimum 1" (25.4mm) bend radius

key features and benefits

Pre-assembled two-piece hinged cover design:	Cover remains open without use of tools or fixtures; speeds placement of 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
1" bend radius fittings:	Fittings designed to maintain TIA/EIA bend radius requirements are available
Highly tamper resistant:	Difficult for untrained personnel to access the raceway. Provides Maximum security for communication cabling and Maximum safety for power cabling.
Adhesive backing:	Full length adhesive strip allows easy tool free installation and works well for temporary mounting
Mounting holes in base:	Eliminates need for drilling holes in raceway and speeds installation
Available in different sizes, lengths, and colors:	Available sizes – LDPH3, LDPH5, LDPH10 Available lengths – 6', 8', 10' Raceway is field paintable to match walls and surrounding décor
Non-metallic construction:	Lightweight, solid color throughout, high impact resistance, and easy to cut with standard cutting tools

applications

Pan-Way LDPH Surface Raceway is designed to provide an easy and economical solution for routing any power or low voltage cable along perimeter walls, baseboards or ceilings. This raceway is the perfect solution for schools, hospitals, offices, homes, or anywhere a small, secure, low profile raceway is needed.

Pan-Way LDPH Raceway	
Channel:	LDPH3^**-A
	LDPH5^**-A
	LDPH10^**-A
LDPH Fittings	
Outside corner:	OCFX*^-X
Inside corner:	ICFX*^-X
Right angle:	RAFX*^-X
Tee for LDPH3 and LDPH10:	TFX*^-X
Four-way cross for LDPH5:	CRFX5^-X
End cap:	ECFX*^-X
LDPH10 Drop ceiling/ entrance end:	DCEFX^-X
Right angle/ entrance end:	RAEFX^-X
LDPH10 to LDPH3 reducer:	RFX103^-X
Coupler:	CFX*^-X
Surface Mount Outlet and Junction Boxes	
Single gang, two-piece:	JBP1^
Single gang, two-piece, deep:	JBP1D^
Single gang, two-piece, extension:	JBP1E^
Single gang, two-piece, intermediate:	JBP1I^
Single gang, two-piece, snap on:	JBP1FS^
Single gang, two-piece, round:	RJBX3510^
Double gang, two-piece:	JBP2^
Double gang, two-piece, deep:	JBP2D^
Double gang, two-piece, divided:	JBP2S^
Double gang, two-piece, snap on:	JBP2FS^

*Insert raceway size of 3', 5', or 10'

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

^ Insert colors White (WH), International White (IW), or Electric Ivory (EI)

All products shown are power rated up to 600 V.

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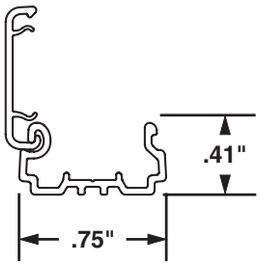
Pan-Way® Hinged LDPH Raceway System

wire fill

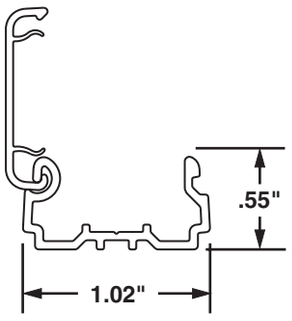
Raceway Type and Configuration	Fill Area (in^2)	Electrical Cables			Data Grade Cables												Coax Cables				Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG		24 AWG		24 AWG		24 AWG		24 AWG		24 AWG		RG6		RG59/u		2 Strand	
		THHN/THWN/T90			Cat. 5e - Plenum		Cat. 5e - Riser		Cat. 6		Cat. 6A		Cat. 6A		Cat. 6A (SD)							
		0.111	0.130	0.164	Dia. = 0.193		Dia. = 0.225		Dia. = 0.240		Dia. = 0.289		Dia. = 0.300		Dia. = 0.330		Dia. = 0.240		Dia. = 0.275		Dia. = 0.242		Dia. = 0.175	
		Fill			Fill		Fill		Fill		Fill		Fill		Fill		Fill		Fill		Fill	
		Max.	Max.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.	Spec.	Max.
		UL Temp Rise Test			40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%	40%	60%
LDPH3	0.17	9	7	4	2	3	0	2	1	2	1	1	0	1	0	1	1	2	1	1	1	2	2	4
LDPH5	0.33	14	12	8	4	6	1	4	2	4	2	3	1	2	1	2	2	4	2	3	2	4	5	8
LDPH10	0.89	18	18	16	12	18	8	13	7	11	5	8	5	7	4	6	7	11	5	8	7	11	14	22

Note: For all cable options please see the Raceway Cable Fill Calculator on www.panduit.com/calculators.

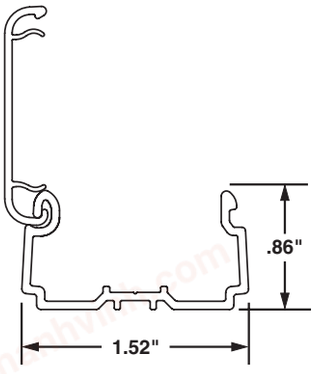
channels



LDPH3
Internal Area = 0.33 Sq. In.

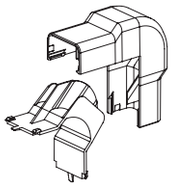


LDPH5
Internal Area = 0.33 Sq. In.

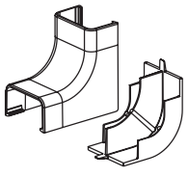


LDPH10
Internal Area = 0.89 Sq. In.

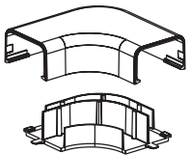
fittings and accessories



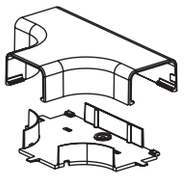
OCFX



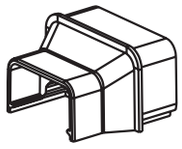
ICFX



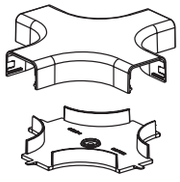
RAFX



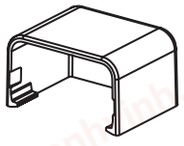
TFX



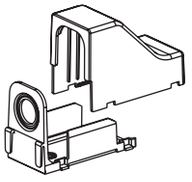
RFX103



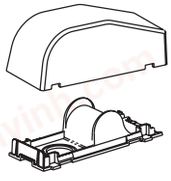
CRFX5



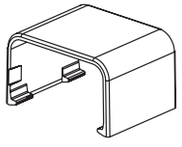
ECFX



DCEFX



RAEFX



CFX

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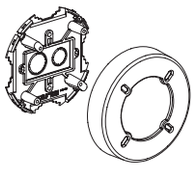
Pan-Way® Hinged LDPH Raceway System

compatible ld raceway surface mount outlet/junction boxes

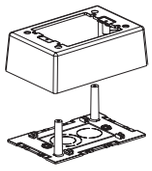
Power, Low Voltage or Fiber Optic	
RJBX3510**	Single gang two-piece screw together round outlet box
JBP1**	Single gang two-piece screw together outlet box
JBP1D**	Single gang two-piece screw together deep outlet box
JBP1E**	Single gang two-piece screw together extension outlet box
JBP1I**	Single gang two-piece screw together intermediate outlet box
JBP2**	Double gang two-piece screw together deep outlet box
JBP2S**	Double gang two-piece screw together divided outlet box
JBP2D**	Double gang two-piece screw together deep outlet box
JBP2FS**	Double gang power rated two-piece snap together outlet box

** = Available colors: Off White (IW), Electrical Ivory (EI), White (WH)

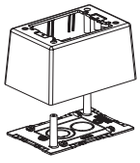
surface mount outlet/junction boxes



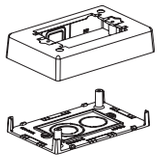
RJBX3510



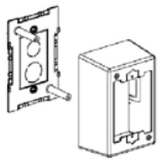
JBP1



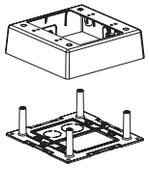
JBP1D



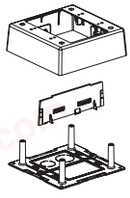
JBP1E



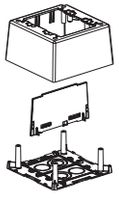
JBP1I



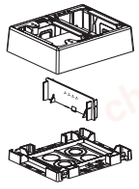
JBP2



JBP2S



JBP2D



JBP2FS

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