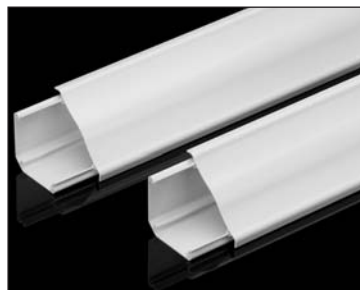


# PAN-WAY® Cove Raceway System



## specification

WCM35 non-metallic multi-channel capable surface shall be used to route, protect, and conceal data, voice, video, fiber optic and 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, and by Canadian Standards Association, Inc. per 22.2 no.62.1-03, when screw secured and installed per instructions. A full complement of fittings with a 1" minimum bend radius compliant with TIA/EIA-568-B, must be available. Divider walls must be available to form separate channels in the multi-channel raceway. WCM35 raceway will be manufactured from impact-resistant material with flammability rating of V-0. WCM35 raceway must be tamper resistant yet allow access for moves, adds and changes. WCM35 raceway finish shall be pure color and will resist scratches and dents and will not peel or corrode. WCM35 Raceway shall be available in off-white as a standard color, shall be paintable, and shall be optimized for use with the PANDUIT® PAN-NET® Communication System.



## technical information

<b>Material:</b>	Rigid PVC
<b>Flammability:</b>	UL94V-0
<b>Voltage rating:</b>	UL-5A 600VAC CSA C22.2 No.62-93 300VAC
<b>Approvals:</b>	UL Listed 95425 (Raceway) UL Listed E116129 (Fittings)
<b>NEC:</b>	Article 388
<b>Color:</b>	Off White
<b>CSI spec form:</b>	LP-CSISPEC-WCM-1

## key features and benefits

<b>1" bend radius control</b>	Fittings conform to TIA/EIA bend radius control standards while providing an aesthetic appearance; bend radius control ensures maximum headroom of high performance copper and fiber cable
<b>Can be used as trunking raceway</b>	Decorative appearance preserves original architectural styling
<b>Can be painted with latex paint</b>	Blends well with any décor creating a virtually invisible premise raceway routing solution
<b>Lightweight</b>	Reduces install fatigue; allows for one-person installation
<b>Non-metallic construction</b>	Solid color throughout will not chip, peel, rust, or corrode; masks scratches
<b>High impact resistance</b>	Extremely durable for a long life
<b>Easy to cut with standard saws and saw blades</b>	Reduces installed cost and the need for special cutting devices
<b>Designer profile</b>	Maintains aesthetically pleasing appearance
<b>Synergy with complete line of PAN-WAY® Raceway</b>	Cove Raceway may be integrated with other PANDUIT® Raceway Systems such as T-45 and LD series Raceway Systems

## applications

PAN-WAY® Cove Raceway mounts in the horizontal corner between ceiling and wall and/or the vertical corner between walls and maintains an aesthetically pleasing design that *discreetly* conceals cabling. Cove Raceway is tamper resistant yet allows access for moves, adds and

changes and includes a full complement of fittings, accessories and termination options. Cove Raceway is compatible with other PAN-WAY® Raceway System including T-45 and LD Series.

### Cove Raceway:

<b>Base:</b>	WCM35BIW8*
<b>Cover:</b>	WCM35CIW8*
<b>Divider wall:</b>	WCM35DW8**

### Cove Raceway Fittings:

<b>Cover coupler:</b>	WCM35CCIW-X
<b>Inside corner fitting:</b>	WCM35ICIW
<b>Outside corner fitting:</b>	WCM35OCIW
<b>Tee fitting:</b>	WCM35TIW
<b>Tee fitting insert:</b>	WCM35TI**
<b>End cap fitting:</b>	WCM35ECIW
<b>Transition fitting LD/LDP5 raceway:</b>	WCM35TRIW
<b>Transition fitting LD/LDP10 raceway:</b>	WCM35TR5IW
<b>Transition fitting T70 raceway:</b>	WCM35TR10IW
<b>Transition fitting T70 raceway:</b>	WCM35TR70IW
<b>Device box and faceplate adapter:</b>	WCM35DBFIW
<b>Backfeed fitting:</b>	WCM35BFIW
<b>Wire retainer:</b>	WCM35WR-X**

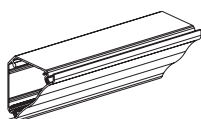
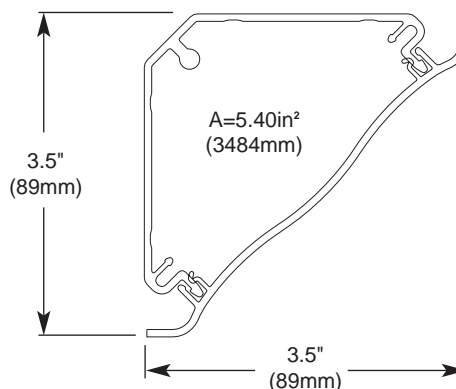
\*Supplied in eight foot lengths.

\*\*Only offered in International Gray.

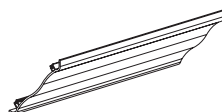
# PAN-WAY® Cove Raceway System

## Open Channel

40% Fill Capacity (Data)	
Capacity	No.
14 THHN (max)	50
12 THHN (max)	40
10 THHN (max)	30
Cat 5e Cable (24AWG/UTP CM)	58
Cat 6 Cable (24AWG/UTP CM)	44
Coax Cable (RG59/U)	46
2 Strand FIBER Cable	89



WCM35BIW8



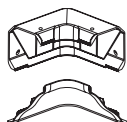
WCM35CIW8



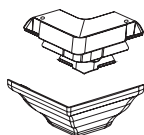
WCM35DW8



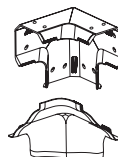
WCM35CCIW-X



WCM35ICIW



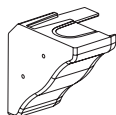
WCM35OCIW



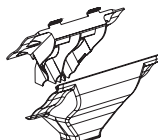
WCM35TIW



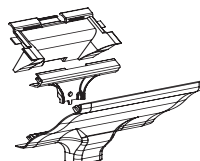
WCM35TI



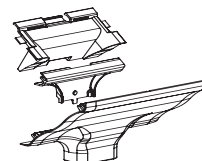
WCM35ECIW



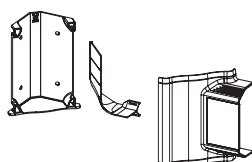
WCM35TRIW



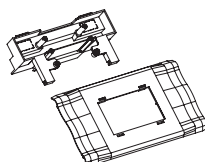
WCM35TR5IW



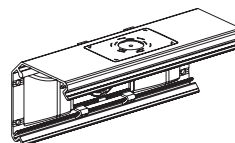
WCM35TR10IW



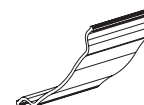
WCM35TR70IW



WCM35DBFIW



WCM35BFIW



WCM35WR-X

### WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA  
Markham, Ontario  
Phone: 800.777.3300

PANDUIT EUROPE LTD.  
London, UK  
Phone: 44.208.601.7200

PANDUIT ASIA PACIFIC PTE. LTD.  
Republic of Singapore  
Phone: 65.6379.6700

PANDUIT JAPAN  
Tokyo, Japan  
Phone: 81.3.3767.7011

PANDUIT LATIN AMERICA  
Jalisco, Mexico  
Phone: 52.333.666.2501

PANDUIT AUSTRALIA PTY. LTD.  
Victoria, Australia  
Phone: 61.3.9794.9020

For a copy of PANDUIT product warranties, log on to [www.panduit.com/warranty](http://www.panduit.com/warranty)



For more information or to request a catalog

800-777-3300

[cs@panduit.com](mailto:cs@panduit.com)

[www.panduit.com](http://www.panduit.com)

Copyright © PANDUIT Corp. All rights reserved.

Printed in U.S.A.

WW-SRSP05

05/2004

replaces SA-SRSP01