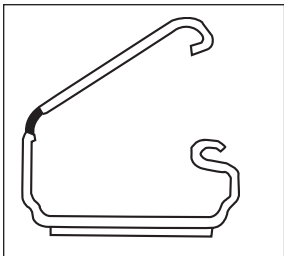


One-Piece, Nonmetallic, Latching Raceway

For Low Voltage Applications

Wiremold Uniduct® 2700, 2800, 2900 Series Latching Raceway Systems are one-piece, single channel, nonmetallic raceways ideally suited for routing and protecting fiber optic, UTP, and other low-voltage (50V or less) cabling in an easy to install, aesthetically pleasing application.

Uniduct 2800 and 2900 Series radiused fittings (FO) maintain 1 1/4" [32mm] bend radius control and are the perfect solution for even the most demanding cabling applications.



The Uniduct Raceway design features a co-extruded flexible PVC hinge that prevents cracking and splitting even after numerous openings and closings.



FEATURES & BENEFITS

- **One-piece design with adhesive backing.** Easy to handle. Makes installation quick and easy.
- **Available in three low profile sizes, in both 6' and 8' [1.8m & 2.4m] lengths.** Allows flexibility for cabling requirements. 6' and 8' [1.8m and 2.4m] lengths minimize cutting, cover clips, and scraps.
- **Three standard colors.** Stock colors are ivory, white, and fog white. Paintable using latex paint.
- **Durable, flexible hinge construction.** Allows for repeated openings and closings while maintaining product integrity and aesthetics. Easy open and snap-close latch facilitates installations, moves, and changes.
- **Durable, impact-resistant PVC construction.** Easy to cut and trim.
- **Full range of fittings.** Surface mount boxes and multiport workstation outlets makes installations quick and easy.
- **Bend radius compliant fittings for 2800 and 2900 Series Raceways.** Maintain 1 1/4" [32mm] bend radius control required for UTP and fiber optic cable.
- **Datacom connectivity options.** Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point of use.



Uniduct® 2700 Series Raceway

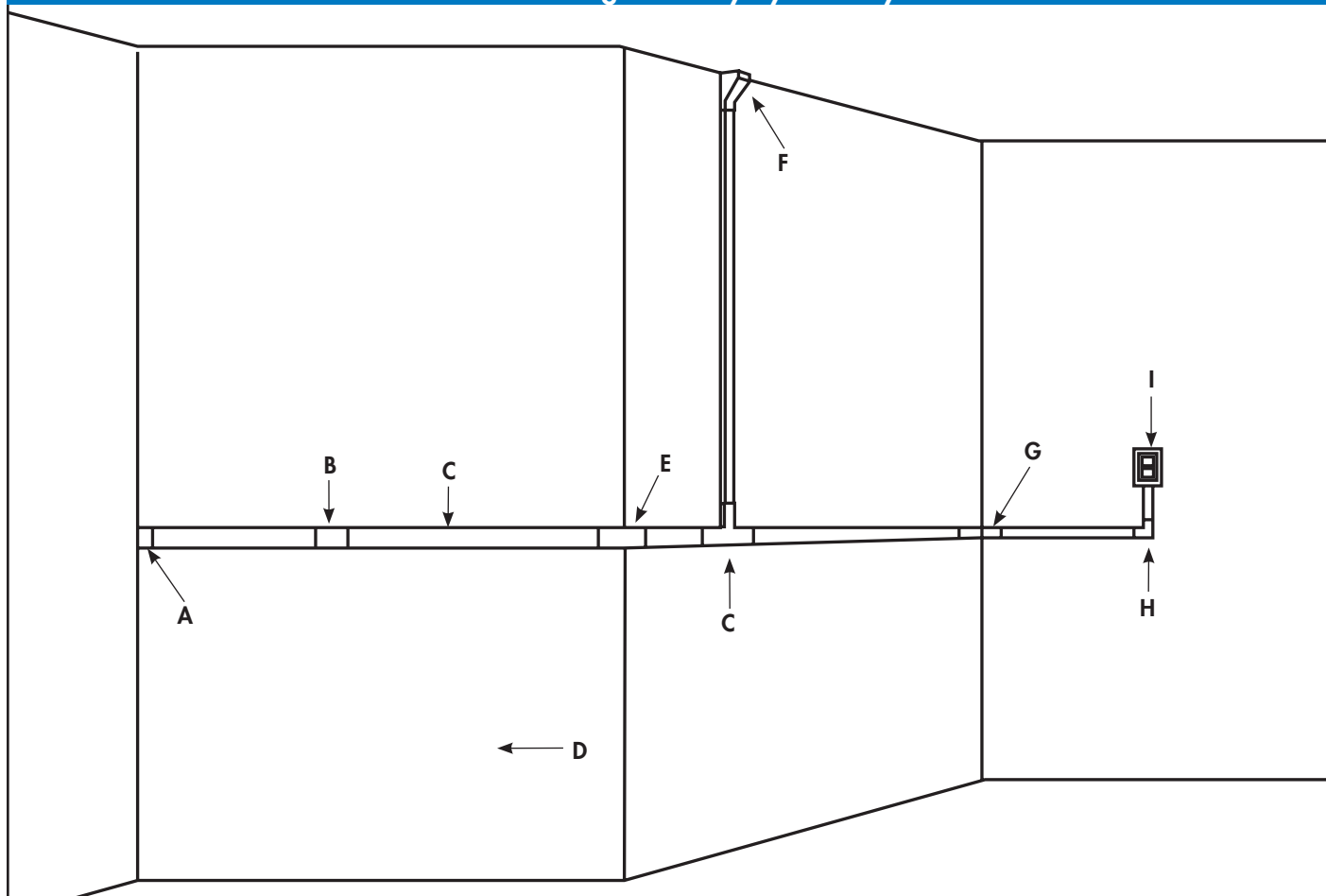


Uniduct® 2800 Series Raceway



Uniduct® 2900 Series Raceway

Uniduct Latching Raceway System Layout



NOTE: Illustration is for showing product applications only.

Part numbers listed below are in Ivory—White & Fog White are also available.

A — Blank End Fitting	16003, 16004, 16005
B — Cover Clip	16000, 16001, 16002
C — Tee Fitting	16011, 16012, 16013
D — External Elbow	16021, 16022, 16023
E — Drop Ceiling Connector	16026, 16027, 16028
F — Internal Elbow	16016, 16017, 16018
G — Flat Elbow	16006, 16007, 16008
H — Device Box	16041, 16042, 16043, 16044

Wire Fill Capacity Charts

Uniduct 2700 Series Raceway Wire Fill Capacity Chart

		O.D. (Approx. Dia.)		
	CABLE / WIRE SIZE	Inches	(mm)	40% FILL
UNSHIELDED TWISTED PAIR	4-pair / 24AWG Cat3	0.190	4.8	2
	4-pair / 24AWG Cat5e	0.210	5.3	1
	4-pair / 24AWG Cat6	0.250	6.3	1
	4-pair / 24AWG Cat6a	0.354	8.9	0
	25-pair / 24AWG	0.410	10.4	0
COAXIAL	RG6/U	0.270	6.9	1
FIBER	Zip Cord	0.118 x 0.236	3 x 6	2
	Round 4 Strand Fiber	0.187	4.8	2
	Round 6 Strand Fiber	0.256	6.5	1

Uniduct 2800 Series Raceway Wire Fill Capacity Chart

		O.D. (Approx. Dia.)		
	CABLE / WIRE SIZE	Inches	(mm)	40% FILL
UNSHIELDED TWISTED PAIR	4-pair / 24AWG Cat3	0.190	4.8	4
	4-pair / 24AWG Cat5e	0.210	5.3	3
	4-pair / 24AWG Cat6	0.250	6.3	2
	4-pair / 24AWG Cat6a	0.354	8.9	1
	25-pair / 24AWG	0.410	10.4	1
COAXIAL	RG6/U	0.270	6.9	2
FIBER	Zip Cord	0.118 x 0.236	3 x 6	4
	Round 4 Strand Fiber	0.187	4.8	4
	Round 6 Strand Fiber	0.256	6.5	2

Uniduct 2900 Series Raceway Wire Fill Capacity Chart

		O.D. (Approx. Dia.)		
	CABLE / WIRE SIZE	Inches	(mm)	40% FILL
UNSHIELDED TWISTED PAIR	4-pair / 24AWG Cat3	0.190	4.8	12
	4-pair / 24AWG Cat5e	0.210	5.3	10
	4-pair / 24AWG Cat6	0.250	6.3	7
	4-pair / 24AWG Cat6a	0.354	8.9	3
	25-pair / 24AWG	0.410	10.4	2
COAXIAL	RG6/U	0.270	6.9	6
FIBER	Zip Cord	0.118 x 0.236	3 x 6	12
	Round 4 Strand Fiber	0.187	4.8	12
	Round 6 Strand Fiber	0.256	6.5	6

NOTE: Wire capacity is reduced to allow for proper conductor bend radius and maximum permissible heat rise.

* Category 6 augmented (6a) cable for 10Gigabit Ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

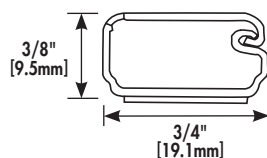
Uniduct Series Raceway is not UL Listed and is only designed for use in protecting low voltage wiring and cabling.

Uniduct Raceway Profiles

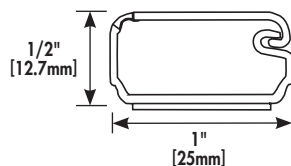
Uniduct Latching Raceway –

One-piece latching raceway with co-extruded design, smooth plastic finish.
Available in both 6' and 8' [1.8m and 2.4m] lengths.

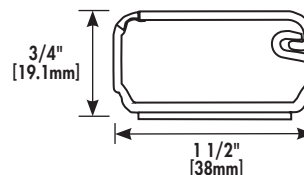
2700 Series



2800 Series



2900 Series

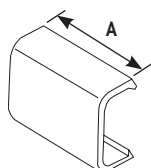


Fittings for Uniduct Latching Raceway

Catalog No./Item

Description/Specifications

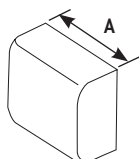
16000
16001
16002



Cover Clip – Covers joint where sections of 2700, 2800 or 2900 Series Raceway Cover come together.

Cat. No.	A
16000	1" (25mm)
16001	1 1/2" (38mm)
16002	2" (51mm)

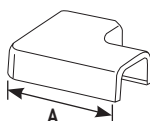
16003
16004
16005



Blank End Fitting – Closes off open ends of 2700, 2800 or 2900 Series Raceway.

Cat. No.	A
16003	1" (25mm)
16004	1 3/8" (35mm)
16005	1 3/4" (44mm)

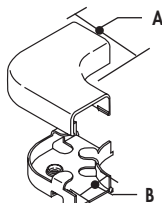
16006
16007
16008



90° Flat Elbow – Makes right angle turns on same surface.

Cat. No.	A
16006	1 1/2" (38mm) Each Leg
16007	2" (51mm) Each Leg
16008	2 3/4" (70mm) Each Leg

16009
16010



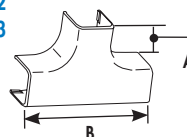
Bend Radius Compliant Flat Elbow – Makes right angle turns on the same surface. Maintains 1 1/4" [32mm] bend radius control when installing UTP and fiber optic cable.

Cat. No.	A	B
16009	3" (76mm)	2 1/4" (57mm)
16010	3 1/2" (89mm)	2 1/4" (57mm)

Catalog No./Item

Description/Specifications

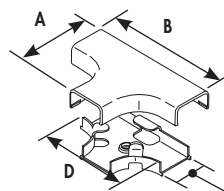
16011
16012
16013



Tee – Makes right angle branches of 2700, 2800, or 2900 Series Raceway.

Cat. No.	A	B
16011	1 1/16" (17mm)	2 3/16" (56mm)
16012	7/8" (22mm)	2 7/8" (73mm)
16013	1 1/8" (29mm)	3 7/8" (98mm)

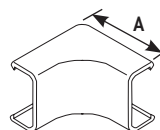
16014
16015



Bend Radius Compliant Tee – Makes right angle branches of 2700, 2800, or 2900 Series Raceway. Maintains 1 1/4" [32mm] bend radius control when installing UTP and fiber optic cable.

Cat. No.	A	B	C	D
16014	1 15/16" (49mm)	5" (127mm)	1 1/4" (32mm)	3 1/2" (89mm)
16015	1 15/16" (49mm)	5 1/2" (140mm)	1 1/4" (32mm)	4" (102mm)

16016
16017
16018

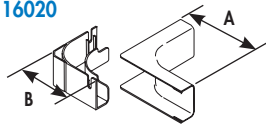
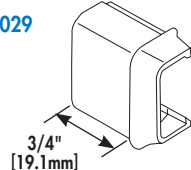
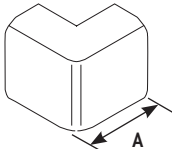
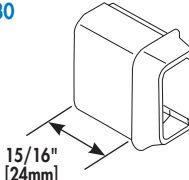
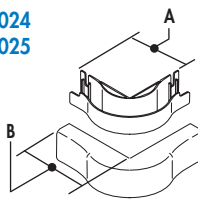
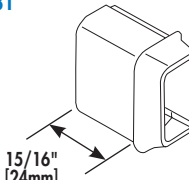
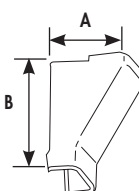


Internal Elbow – Makes right angle turns around internal corners.

Cat. No.	A
16016	1 1/4" (32mm) Each Leg
16017	1 1/2" (38mm) Each Leg
16018	2 1/4" (57mm) Each Leg

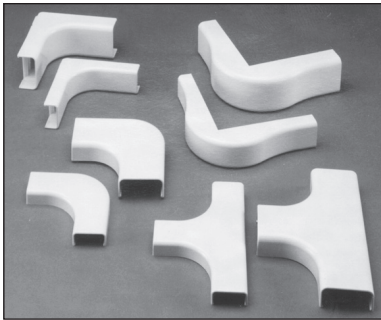
NOTE: Part numbers listed below are in Ivory—White & Fog White are also available.

Fittings for Uniduct Latching Raceway (continued)

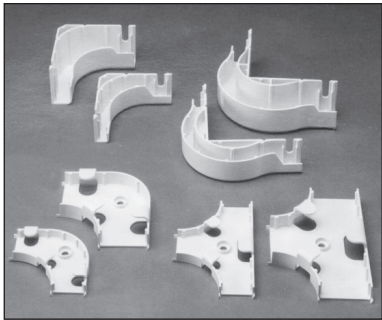
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications												
<div>16019</div> <div>16020</div> <div></div>	<div>Bend Radius Compliant Internal Elbow – Makes right angle turns around internal corners. Maintains 1 1/4" [32mm] bend radius control when installing UTP and fiber optic cable.</div> <table><tr><th>Cat. No.</th><th>A</th><th>B</th></tr><tr><td>16011</td><td>3 1/4" (83mm)</td><td>2 1/2" (64mm)</td></tr><tr><td>16012</td><td>3 1/4" (83mm)</td><td>2 1/2" (64mm)</td></tr></table>	Cat. No.	A	B	16011	3 1/4" (83mm)	2 1/2" (64mm)	16012	3 1/4" (83mm)	2 1/2" (64mm)	<div>16029<div></div></div>	<div>Reducing Connector (2800 – 2700) – Makes transition from 2800 Series Raceway to 2700 Series Raceway.</div>			
Cat. No.	A	B													
16011	3 1/4" (83mm)	2 1/2" (64mm)													
16012	3 1/4" (83mm)	2 1/2" (64mm)													
<div><div>16021</div><div>16022</div><div>16023</div><div></div></div>	<div>External Elbow – Makes right angle turns around external corners.</div> <table><tr><th>Cat. No.</th><th>A</th></tr><tr><td>16021</td><td>1" (25mm) Each Leg</td></tr><tr><td>16022</td><td>1 1/8" (29mm) Each Leg</td></tr><tr><td>16023</td><td>1 7/8" (48mm) Each Leg</td></tr></table>	Cat. No.	A	16021	1" (25mm) Each Leg	16022	1 1/8" (29mm) Each Leg	16023	1 7/8" (48mm) Each Leg	<div>16030<div></div></div>	<div>Reducing Connector (2900 – 2800) – Makes transition from 2900 Series Raceway to 2800 Series Raceway.</div>				
Cat. No.	A														
16021	1" (25mm) Each Leg														
16022	1 1/8" (29mm) Each Leg														
16023	1 7/8" (48mm) Each Leg														
<div><div>16024</div><div>16025</div><div></div></div>	<div>Bend Radius Compliant External Elbow – Makes right angle turns around external corners. Maintains 1 1/4" [32mm] bend radius control when installing UTP and fiber optic cable.</div> <table><tr><th>Cat. No.</th><th>A</th><th>B</th></tr><tr><td>16024</td><td>3" (76mm)</td><td>3 3/4" (95mm)</td></tr><tr><td>16025</td><td>3" (76mm)</td><td>3 3/4" (95mm)</td></tr></table>	Cat. No.	A	B	16024	3" (76mm)	3 3/4" (95mm)	16025	3" (76mm)	3 3/4" (95mm)	<div>16031<div></div></div>	<div>Reducing Connector (2900-2700) – Makes transition from 2900 Series Raceway to 2700 Series Raceway.</div>			
Cat. No.	A	B													
16024	3" (76mm)	3 3/4" (95mm)													
16025	3" (76mm)	3 3/4" (95mm)													
<div><div>16026</div><div>16027</div><div>16028</div><div></div></div>	<div>Drop Ceiling Connector – Connects drops of cables from ceiling into the raceway.</div> <table><tr><th>Cat. No.</th><th>A</th><th>B</th></tr><tr><td>16026</td><td>1 7/16" (37mm)</td><td>2 1/8" (54mm)</td></tr><tr><td>16027</td><td>1 9/16" (40mm)</td><td>2 3/8" (60mm)</td></tr><tr><td>16028</td><td>2" (51mm)</td><td>2 7/8" (73mm)</td></tr></table>	Cat. No.	A	B	16026	1 7/16" (37mm)	2 1/8" (54mm)	16027	1 9/16" (40mm)	2 3/8" (60mm)	16028	2" (51mm)	2 7/8" (73mm)		
Cat. No.	A	B													
16026	1 7/16" (37mm)	2 1/8" (54mm)													
16027	1 9/16" (40mm)	2 3/8" (60mm)													
16028	2" (51mm)	2 7/8" (73mm)													

NOTE: Part numbers listed below are in Ivory—White & Fog White are also available.

Uniduct Communication & Device Box Compatibility

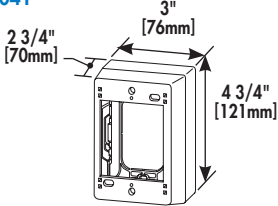
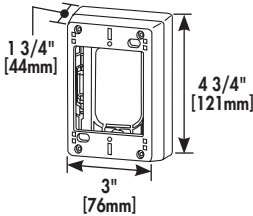
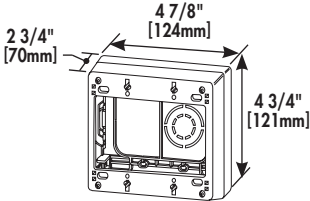
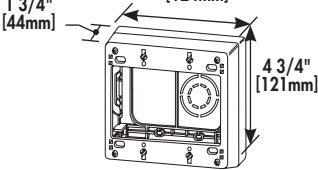


Bend Radius Compliant Fittings for 2800 and 2900 Series Raceways. Maintain 1 1/4" [32mm] bend radius when installing UTP and fiber optic cable.



For ease of installing cables, the base has cable retention fingers that hold the cables in place until the cover is installed.

Communication & Device Boxes for use with Uniduct Latching Raceway

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
16041* 	Extra Deep Device Box – Mounts voice and data devices when additional depth is required. Has concentric twistouts for 2700, 2800, 2900, and NM2000 Series Raceways on both sides of device box and rectangular knockout in base for extension to wall box.	16043* 	Deep Device Box – Mounts deep voice and data devices. Has concentric twistouts for 2700, 2800, 2900, and NM2000 Series Raceways on each side of device box and rectangular knockout in base for extension to wall box.
16042* 	Two-Gang Extra Deep Device Box – Mounts multiple voice and data devices when additional depth is required. Has concentric twistouts for 2700, 2800, 2900, and NM2000 Series Raceways on both sides of device box. Base has rectangular knockout for extension to wall box and concentric 1/2" and 3/4" trade size knockouts.	16044* 	Two-Gang Deep Device Box – Mounts multiple voice and data devices. Has concentric twistouts for 2700, 2800, 2900, and NM2000 Series Raceways on each side of device box. Base has rectangular knockout for extension to wall box and concentric 1/2" and 3/4" trade size knockouts.

NOTE: Part numbers listed below are in Ivory—White & Fog White are also available.

* Accepts industry standard NEMA faceplates for communication applications.

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