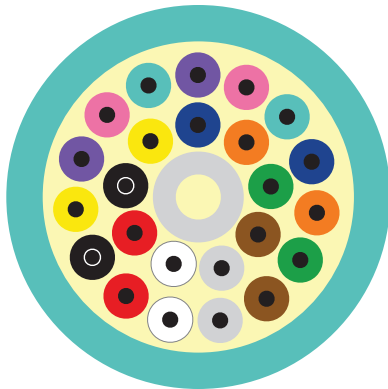


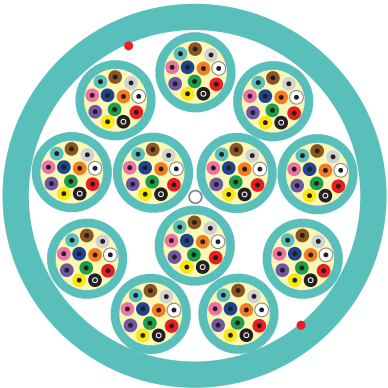
## Indoor Riser Premises Distribution (PDR)

### APPLICATION

Leviton's tight buffered cable is available with multimode and bend-optimized single-mode fibers. Aramid yarns surround 900 µm buffered fibers. These all-dielectric designs are sheathed using a special, state-of-the-art polymer material. Black jacketed and waterblocked versions of riser cables available upon request for outdoor installations. Outdoor versions feature UV and fungus resistant jacketing.



For fiber counts up to 24



For fiber counts from 48-144

### COUNTRY OF ORIGIN

USA

### WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/ns/warranty](https://www.leviton.com/ns/warranty)

### FEATURES & BENEFITS

- Flexible, small diameter, 900 µm tight buffered construction
- High tensile strength and small diameter design
- 6 to 144 count fiber construction riser designs ideal for horizontal and backbone installation
- Single-mode, multimode, and hybrid designs available (Also available in low smoke zero halogen design from 6 to 48 fibers)
- Water blocked indoor/outdoor versions - suitable for installations in conduit below the frost line
- Cost-saving design - easy to install and terminate
- Provides for greater pulling distances, thus reducing installation time
- Assurance that cables will meet required specifications for communication networking applications
- Broad design selection allows for mix and match of fiber components to specific networking applications

### STANDARDS & REGULATIONS

- EN 50173; ISO/IEC 11801
- ANSI/ICEA S-83-596; ANSI/TIA-568.3-D; Telcordia GR-409
- ETHERNET: 10BASE – 40GBASE (10BASE, 100BASE, 1000BASE, 10GBASE, 40GBASE, 100GBASE, 400GBASE)
- Fibre Channel: 1GFC – 128GFC (1, 2, 4, 8, 16, 32, 128 GFC)
- SONET: OC1 – OC768 (OC 1, 3, 12, 24, 48, 192, 768)
- SDH: STM0 – STM256 (STM0, 1, 4, 16, 64, 256)
- OTN: OTU1 – OTU4 (OTU1, 2, 2e, 2f, 3, 3e2, 4)
- CPRI: CPRI1 – CPRI9 (CPRI1, 2, 3, 4, 5, 6, 7, 7a, 8, 9)
- PON (SMF; I/O only): RFoG, APON, BPON, EPON, GPON, WDM PON, NGPON

# PRODUCT SPECIFICATIONS

## Indoor Riser Premises Distribution (PDR)

Indoor Riser Premises Distribution (PDR)

### CHARACTERISTICS

Construction	
Type of Cable	Tight Buffered (TB)
Jacket material	Riser
Usage Characteristics	
Temperature (Storage):	-40 °C to +85 °C (-40 °F to +185 °F)
Temperature (Installation):	-20 °C to +75 °C (-4 °F to +167 °F)
Temperature (Operating):	-20 °C to +75 °C (-4 °F to +167 °F)

### TECHNICAL DATA - PHYSICAL

Fiber	Part Number Prefix	Diameter		Weight		Min. Bend Radius				Max. Loading			
		in.	mm	lb./kft	kg/km	Install		Long Term		Install		Long Term	
						in.	cm	in.	cm	lbf.	N	lbf.	N
6	PDR006	0.224	5.7	19	29	3.4	8.5	2.2	5.7	150	667	45	200
12	PDR012	0.246	6.2	25	37	3.7	9.4	2.5	6.2	150	667	45	200
24	PDR024	0.335	8.5	37	56	5.0	12.8	3.4	8.5	300	1335	90	400
36	PDR12B036	0.555	14.1	108	161	8.3	21.1	5.6	14.1	300	1335	90	400
48	PDR12B048	0.590	15.0	131	196	8.9	22.5	5.9	15.0	600	2670	180	800
72	PDR12B072	0.732	18.6	203	301	11.0	27.9	7.3	18.6	600	2670	180	800
96	PDR12B096	0.880	22.4	291	433	13.2	33.5	8.8	22.4	600	2670	180	800
144	PDR12B144	0.930	23.6	310	461	14.0	35.4	9.3	23.6	1000	4445	300	1335

### FIBER DATA AND SHEATH COLORS

Fiber Type	Part Number Suffix	Leviton Fiber	Core Size	Wavelength (nm)	Maximum Attenuation (dB/km)	Effective Modal Bandwidth @ 850 nm (MHz·km)	Distance (meters)				Sheath Color
<b>Multimode - 62.5 μm Standard, and 50 μm Bend Insensitive</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
OM1	CB3510/25	CB	62.5 μm	850/1300	3.5/1.0	200	300	33	N/A	N/A	Orange
OM3	EB3010/25	EB	50 μm	850/1300	2.8/0.8	2000	1000	300	100	70	Aqua
OM4	FB3010/F5	FB	50 μm	850/1300	2.8/0.8	4700	1040	550	150	100	Aqua
OM4+	XB3010/X5	XB	50 μm	850/1300	2.8/0.8	4900	1210	600	300	150	Violet
<b>WideBand Multimode - Bend Insensitive</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
OM5	WB3010/W5	WB	50 μm	850-953/1300	2.8/0.8	4700	1040	550	190	100	Lime Green
<b>Single-mode Bend Insensitive - ITU-T G.652.D and G.657.A1 Compliant</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
OS2	AB0707	AB	SMF	1310/1550	0.5/0.5	N/A	≥ 5000	≥ 10000	≥ 10000	≥ 10000	Yellow

For further support information, visit [Leviton.com/ns/support](http://Leviton.com/ns/support)