

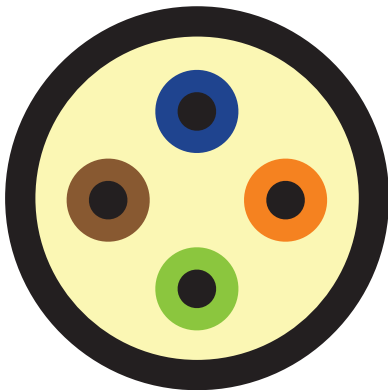
PRODUCT SPECIFICATIONS

Indoor/Outdoor Plenum Premises Distribution Cable (ICP-I/O)

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APPLICATION

Leviton plenum-rated Indoor/Outdoor Tight-Buffer cables are designed specifically for LAN/WAN campus applications. These thermoplastic jacketed cables are suitable for Indoor/Outdoor installations, in-conduit below the frost line. This fiber optic cable is designed for installation in plenum, riser and horizontal environments. This design incorporates tight-buffered optical fibers within a dry, water-blocked cable core. Suitable for operation across wide temperature variations typically addressed by outside plant cables. They are not suitable for aerial-lashed installations. Loose-Tube cables are recommended if interbuilding conduit systems lie above the frost line and are likely to fill with water.



COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

For Leviton product warranties, go to Leviton.com/ns/warranty

FEATURES & BENEFITS

- Flexible, small diameter 900 µm tight buffered construction
- High tensile strength provides for greater pulling distances, reducing installation time
- 2 or 4 fiber count plenum designs ideal for horizontal and backbone installation
- Single-mode, multimode, and hybrid designs available
- Also available in low-smoke zero-halogen (LSZH) design
- Direct termination - No Buffer Tube Fanout Kits required
- These water-blocked cables feature fungus resistant jacketing, and are sunlight resistant
- For use in conduit, below the frost line
- Cost-saving design, easy to install and terminate
- Provides for greater pulling distances, reducing installation time
- Each cable utilizes a water-blocking technology in the cable core
- Cable design can accommodate from 2 or 4 tight buffered (900 µm) fibers, all dielectric
- Aluminum Interlocking Armor (ARMOR-TEK™) versions are available

STANDARDS & REGULATIONS

- International EN 50173; ISO/IEC 11801
- UL 444
- National ANSI/ICEA S-104-696; ANSI/ICEA S-83-596; ANSI/TIA-568.3-D; NFPA 130; Telcordia GR-409
- ETHERNET: 10BASE – 40GBASE (10BASE, 100BASE, 1000BASE, 10GBASE, 40GBASE, 100GBASE, 400GBASE)
- Fibre Channel: 1G-FC – 128GFC (1, 2, 4, 8, 16, 32, 128 GFC)
- SONET: OC-1 – OC-768 (OC -1, 3, 12, 24, 48, 192, 768)
- SDH: STM-0 – STM-256 (STM-0, 1, 4, 16, 64, 256)
- OTN: OTU-1 – OTU4 (OTU1, 2, 2e, 2f, 3, 3e2, 4)
- CPRI: CPRI-1 – CPRI-9 (CPRI-1, 2, 3, 4, 5, 6, 7, 7a, 8, 9)
- PON (SMF ONLY): RFoG, APON, BPON, EPON, GPON, WDM-PON, NG-PON

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TECHNICAL SPECIFICATIONS	
Construction	
Type of cable	Tight Buffer
Jacket material	Plenum
Usage Characteristics	
Temp. (Storage):	-40 °C to +85 °C (-40 °F to +185 °F)
Temp. (Installation):	-0 °C to +70 °C (+32 °F to +158 °F)
Temp. (Operating):	-40 °C to +75 °C (-40 °F to +167 °F)

TECHNICAL SPECIFICATIONS													
Fiber Count	Part Numbers	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
2	ICP002-I/O(BLA)	0.170	4.3	12	18	2.6	6.5	1.7	4.3	100	445	30	133
4	ICP004-I/O(BLA)	0.170	4.3	13	20	2.6	6.5	1.7	4.6	100	445	30	133

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
Multimode - 62.5 µm Standard, and 50 µm Bend Insensitive							1 GbE	10 GbE	40 GbE	100 GbE	
OM1	CB3510/25	CB	62.5 µm	850/1300	3.5/1.0	200	300	33	N/A	N/A	Orange or Black
OM3	EB3010/25	EB	50 µm	850/1300	2.8/0.8	2000	1000	300	100	70	Aqua or Black
OM4	FB3010/F5	FB	50 µm	850/1300	2.8/0.8	4700	1040	550	150	100	Aqua or Black
OM4+	XB3010/X5	XB	50 µm	850/1300	2.8/0.8	4900	1210	600	300	150	Violet or Black
WideBand Multimode - Bend Insensitive							1 GbE	10 GbE	40 GbE	100 GbE	
OM5	WB3010/W5	WB	50 µm	850-953/1300	2.8/0.8	4700	1040	550	190	100	Lime Green or Black
Single-mode Bend Insensitive - ITU-T G.652.D and G.657.A1 Compliant							1 GbE	10 GbE	40 GbE	100 GbE	
OS2	AB0707	AB	SMF	1310/1550	0.5/0.5	N/A	≥ 5000	≥ 10000	≥ 10000	≥ 10000	Yellow or Black

For further support information, visit Leviton.com/ns/support

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