

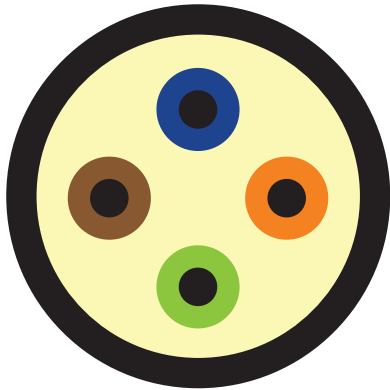
PRODUCT SPECIFICATIONS

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.



BENEFITS

- Cost-saving design, easy to install and terminate
- Provides for greater pulling distances, 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
- One cable design meets all structured cabling network communication applications
- Each cable utilizes our DryGel water blocking system in the cable core
- Cable design can accommodate from 2 or 4 tight buffered (900 μ m) fibers, all dielectric
- Aluminum Interlocking Armor (Armor-Tek™) versions are available

FEATURES

- Flexible, small diameter 900 μ m tight buffered construction
- High tensile strength and small diameter design
- 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 design
- No Buffer Tube Fanout Kits are required
- Direct termination is enabled
- These water-blocked cables feature fungus resistant jacketing, and are sunlight resistant per UL 444 clause 7.22
- For use in conduit, below the frost line

STANDARDS & REGULATIONS

- International EN 50173; ISO/IEC 11801
- 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

COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

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

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CHARACTERISTICS

Construction

Type of Cable	Tight Buffered (TB)
Jacket Material	Riser

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
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	Berk-Tek Fiber	Core Size	Wavelength (nm)	Maximum Attenuation (dB/km)	Effective Modal Bandwidth @ 850 nm (MHz·km)	Distance (meters)				Sheath Color
							1 GbE	10 GbE	40 GbE	100 GbE	
Multimode - 62.5 µm Standard, and 50 µm Bend Insensitive											
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	3.0/1.0	2000	1000	300	100	70	Aqua or Black
OM4	FB3010/F5	FB	50 µm	850/1300	3.0/1.0	4700	1040	550	150	100	Aqua or Black
OM4+	XB3010/X5	XB	50 µm	850/1300	3.0/1.0	4900	1210	600	300	150	Violet or Black
WideBand Multimode - Bend Insensitive											
OM5	WB3010/W5	WB	50 µm	850-953/1300	3.0/1.0	4700	1040	550	190	100	Lime Green or Black
Single-mode Bend Insensitive - ITU-T G.652.D and G.657.A1 Compliant											
OS2	AB0707	Standard for Tight Buffer	8.3 µm	1310/1550	0.5/0.5	N/A	5000	10000	10000	10000	Yellow or Black

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