

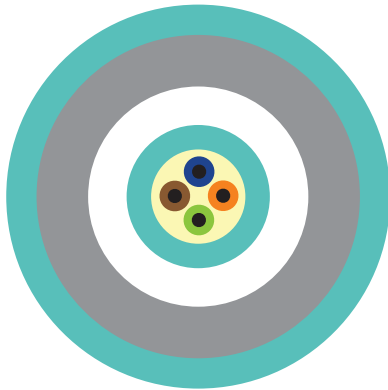
## PRODUCT SPECIFICATIONS

### Indoor Plenum Interconnect Cable with Armor-Tek™ (ICPK)

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### APPLICATION

Leviton plenum-rated Indoor Interconnect Cables are designed specifically for patch cables and installation along plenum and in riser horizontal structured cabling applications. Armor-Tek Interlocking Armor is wound around the cable core. A plenum-rated sheath is extruded around the interlocking armor.



### BENEFITS

- Eliminates the need for conduit or plenum innerduct
- Up to 25% cost savings in both materials and labor
- Accommodates last minute relocations or pathway changes
- Provides a higher concentration of cables in an area than conduit
- Armor provides crush protection and protection from rodent attacks

### FEATURES

- Incorporates 2 or 4 tight buffered (900 µm) optical fibers within the core cable
- Interlock armor and an outer jacket are added over the cable core
- High tensile strength cost-saving design, easy to install and terminate
- Single-mode, multimode, and hybrid designs available
- Also available in a riser-rated low-smoke zero halogen design
- Black jacketed and core waterblocked cables with 2 or 4 fibers are available upon request for indoor/outdoor installations
- Indoor/outdoor versions feature UV and fungus resistant jacketing
- No Buffer Tube Fanout Kits are required
- Direct termination is enabled
- OFCP rated

### 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: 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
- NFPA 130 Standard for Fixed Guideway Transit and Passenger Rail Systems

### COUNTRY OF ORIGIN

USA

### WARRANTY INFORMATION

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

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#### CHARACTERISTICS

##### Construction

Type of Cable	Tight Buffered (TB)
Jacket Material	Plenum
Armor type	Aluminum Interlock

##### Usage characteristics

RoHS complaint	Yes
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#### 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	ICPK002	0.495	12.6	77	115	7.4	18.9	5.0	12.6	100	445	30	133
4	ICPK004	0.495	12.6	79	117	7.4	18.9	5.0	12.6	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	
<b>Multimode - 62.5 µm Standard, and 50 µm Bend Insensitive</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	3.0/1.0	2000	1000	300	100	70	Aqua
OM4	FB3010/F5	FB	50 µm	850/1300	3.0/1.0	4700	1040	550	150	100	Aqua
OM4+	XB3010/X5	XB	50 µm	850/1300	3.0/1.0	4900	1210	600	300	150	Violet
<b>WideBand Multimode - Bend Insensitive</b>											
OM5	WB3010/W5	WB	50 µm	850-953/1300	3.0/1.0	4700	1040	550	190	100	Lime Green
<b>Single-mode Bend Insensitive - ITU-T G.652.D and G.657.A1 Compliant</b>											
OS2	AB0707	Standard for Tight Buffer	8.3 µm	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)