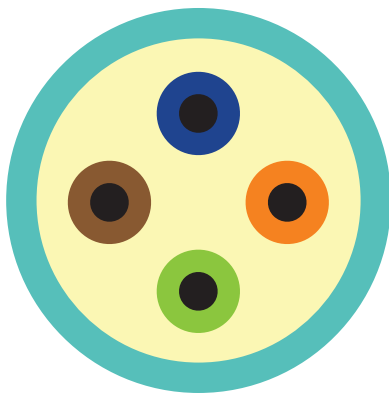


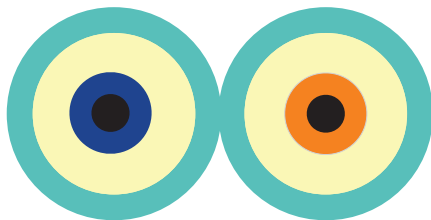
Indoor Riser Interconnect (ICR)

APPLICATION

Riser Interconnect Tight Buffered cables are available with standard multimode, single-mode, and laser-optimized multimode optical fibers. Riser Interconnect Tight Buffered cables are composed of 900 µm buffered fibers surrounded by aramid yarns, and are sheathed using a special state of the art polymer material.



For fiber counts from 1-4



For 2 fiber duplex

FEATURES & BENEFITS

- Flexible, small diameter, 900 µm tight buffered construction
- High-tensile strength and small diameter design
- 1 through 4 fiber designs for patch cable and horizontal installations
- Also available in low-smoke zero halogen design
- Cost-saving design is easy to install and terminate
- Space-saving design allows for dense cable installations

STANDARDS & REGULATIONS

- 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
- EN 50173; ISO/IEC 11801
- ANSI/ICEA S-83-596; ANSI/TIA-568.3D; Telcordia GR-409

COUNTRY OF ORIGIN

USA

WARRANTY INFORMATION

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

PRODUCT SPECIFICATIONS
Indoor Riser Interconnect (ICR)

TECHNICAL SPECIFICATIONS

Construction	
Type of cable	Tight Buffer
Jacket material	Riser
Usage Characteristics	
Temp. (Operating):	-20 °C to +75 °C (-4 °F to +167 °F)
Temp. (Installation):	-10 °C to +70 °C (+14 °F to +158 °F)
Temp. (Storage):	-40 °C to +85 °C (-40 °F to +185 °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
1	ICR001	0.079	2.0	3	4	1.2	3.0	0.8	2.0	17	76	6	27
2 Duplex	ICR0X0	0.079 x 0.162	2.0 x 4.1	5	7	1.2	3.0	0.8	2.0	25	111	8	33
2 Round	ICR002	0.187	4.8	12	17	2.8	7.1	1.9	4.8	100	445	30	133
4	ICR004	0.187	4.8	12	18	2.8	7.1	1.9	4.8	100	445	30	133

TECHNICAL DATA

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
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
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
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

PRODUCT SPECIFICATIONS
Indoor Riser Interconnect (ICR)



FIBER OPTIC CABLE PART NUMBERING PLATFORM

Sample Part Number: **PD PK 012 EB3010/25 -I/O-C4C5**

CABLE PREFIX

CABLE FAMILY		CABLE OPTIONS		FIBER COUNT	
PD	Premises Distribution	P	Plenum	001	Strand 1-24
LT	Dry Loose Tube (Adventum)	R	Riser	8Bxxx	Subunit design: xxx = strand count ≥ 8 fiber (8B008 to max strand count)
HD	Heavy Duty (breakout)	PK	Plenum Armor-Tek		
IC	Interconnect	RK	Riser Armor-Tek		
MC	Mini-Connect	RZ	Riser Zero Halogen		
DA	Data Center	A	Corrugated Steel Armor	12Bxxx	Subunit Design: xxx = strand count 1 - 12 Fiber (001 to 012) 18 - 24 fiber (018 to 024 OR 12B018 to 12B024) > 24 fibers (12B036 to max strand count)
MD	Micro Data Center	AD	Corrugated Steel Armor (stranded)		
RD	Ribbon Cable	D	Dielectric		
OP	Outside Plant	DD	Dielectric (>12 strands)		

FIBER SUFFIX

FIBER TYPE		SUFFIX	
CB3510/25	OM1	-I/O	Tight Buffer Indoor/Outdoor
EB3010/25	OM3	-HE	Harsh Environment
FB3010/F5	OM4	-C4	Special Jacket Color
XB3010/X5	OM4+	-C5	Special Jacket Color over Armor
WB3010/W5	OM5	-D2	Special Subunit Diameter
AB0707	OS2 (TB)	-D4	Special Outer Diameter
AB0403	OS2 (LT)	-L1	Special Print
AB0302	OS2 (LTD, LTAD)		

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