

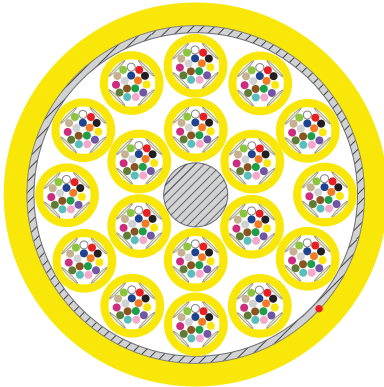
PRODUCT SPECIFICATIONS

OPT-X™ SJZ Base-16 Indoor Euroclass B2ca & OFNR Micro Bundle Cable

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APPLICATION

Leviton OPT-X SJZ cables with 2.3 mm micro buffer tubes are designed to be used in high-density riser rated environments. The cable is rated as Euroclass B2ca-s1a, d1, a1, and OFNR-FT4-ST1 for riser installations. Available in a 288 fiber count construction, Leviton OPT-X SJZ cable is optimized for use in indoor installations. Cables have been thoroughly tested in accordance with ICEA S-83-596, where applicable. The cables support high-density network requirements, and may be used for field terminations in structured cabling installations including data centers, campus, and enterprise backbones.



SPECIFICATION

- Euroclass B2ca and UL 1666 Riser (OFNR) compliant for global applications
- Meets required specifications for communication networking applications
- Optimized access to fiber with simple, off-the-shelf tools
- No cleaning of gels required for installation, greatly reducing installation time and cost
- All dielectric design means grounding requirements are eliminated

FEATURES & BENEFITS

- 2.3 mm space-saving micro buffer tubes housing fibers and aramid strength yarns
- High tensile strength, designed for installation in data centers and indoor enterprise applications backbone installation
- Enhanced halogen free flame-retardant low smoke halogen free (HFFR-LS) and UV stable jacket as standard
- 250 µm bend-optimized OS2 single-mode fiber
- All dielectric design

STANDARDS & REGULATIONS

- International EN 50173; ISO/IEC 11801, IEC 60794-2-20
- National ANSI/ICEA S-83-596-2021; ANSI/TIA-568.3-D
- Reaction to Fire: OFNR-ST1, OFNR-FT4-ST1, Euroclass B2ca-s1a, d1, a1
- ETHERNET: 10BASE – 400GBASE (10BASE, 100BASE, 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/ns/warranty](https://leviton.com/ns/warranty)

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TECHNICAL SPECIFICATIONS

Construction

Type of cable	Micro Bundle
Jacket material	Enhanced HFFR-LS

Usage Characteristics

Temp. (Storage):	-40 °C to +75 °C
Temp. (Installation):	-10 °C to +60 °C
Temp. (Operating):	-20 °C to +75 °C

FIBER DATA AND SHEATH COLORS

Fiber Type	Part Number Suffix	Leviton Fiber	Core Size	Wave-length (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 - 50 µm Bend Optimized											
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	Heather Violet or Aqua
Single-mode Bend Optimized - ITU-T G.652.D and G.657.A1 Compliant											
OS2	AB0403	AB	SMF	1310/1550	0.4/0.3	N/A	≥ 5000	≥ 10000	≥ 10000	≥ 10000	Yellow

TECHNICAL SPECIFICATIONS

Fiber Count	Fiber per Tube	Part Number	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
288	16	SJZ16B288	0.561	14.2	105	157	8.4	21.4	5.6	14.2	600	2670	180	800

FIBER OPTIC CABLE PART NUMBERING PLATFORM

Sample Part Number: **SJ Z 16B288 AB0403 -L1(LEV)**

CABLE PREFIX

CABLE FAMILY		CABLE OPTIONS		FIBER COUNT	
SJ	Sub Jacketed	Z	Riser Zero Halogen	16B288	16 fiber subunits 288 fiber cable

FIBER SUFFIX

FIBER TYPE		SUFFIX	
EB3010/25	OM3	-L1	Special Print
FB3010/F5	OM4		
AB0403	OS2 (LT)		

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