

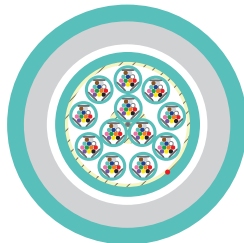
## PRODUCT SPECIFICATIONS

### OPT-X SJKP Plenum Loose Tube Cable with ARMOR-TEK (SJKP)

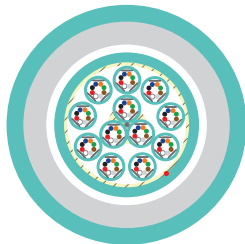
## OPT-X™ SJKP Plenum Loose Tube Cable with ARMOR-TEK™ (SJKP)

### APPLICATION

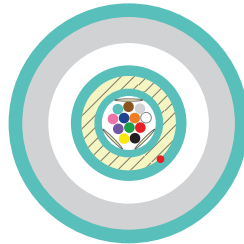
OPT-X SJKP Plenum cables with 2.0 mm micro buffer tubes are designed to be used in high-density plenum rated environments. OPT-X SJKP offers 4 to 8 times the crush resistance of standard dielectric fiber cable, and is rated for plenum installations. The loose tube cable design can be used in all typical indoor campus and data center installations, and is available with multimode, single-mode, and laser-optimized multimode fibers. These cables support high-density network requirements, and may be used for field terminations in riser or horizontal spaces.



SJKP12B144



SJKP8B096



SJKP012-2J

### BENEFITS

- Compact, plenum rated, flexible loose tube design facilitates installation in data centers and indoor enterprise applications
- Optimized access ease with simple, off-the-shelf tools
- ARMOR-TEK eliminates the need for conduit or plenum innerduct
- ARMOR-TEK provides protection from crush and rodent attacks

### FEATURES

- Up to 12 individually colored fibers in color coded 2.0 mm loose tubes with aramid yarns, surrounded by cable strength yarns, a plenum rated outer jacket, aluminum interlock armor, and a plenum rated armor jacket
- 2.0 mm space-saving subunits house fibers and aramid strength yarns to permit direct connectorization for MPO connectors
- Designed to support Gigabit Ethernet, Gigabit ATM, Fibre Channel, and other high-speed applications
- Plenum rating enables installation to go directly through plenum spaces
- OFCP FT6 rated

### STANDARDS & REGULATIONS

- EN 50173; ISO/IEC 11801
- ANSI/ICEA S-83-596; ANSI/TIA-568.3-E; UL 1651; NFPA 130; NFPA 262; 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/ns/warranty](http://leviton.com/ns/warranty)

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**CHARACTERISTICS**

**Construction**

Type of cable	Loose Tube
Jacket material	Plenum

**Usage Characteristics**

Temperature (Operating):	0 °C to +75 °C
Temperature (Installation):	0 °C to +60 °C
Temperature (Storage):	-40 °C to +75 °C

**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
12	SJPK012-2J	0.563	14.3	112	167	8.4	21.4	5.6	14.3	150	667	45	200
24	SJPK12B024	0.614	15.6	137	203	9.2	23.4	6.1	15.6	300	1335	90	400
48	SJPK12B048	0.614	15.6	137	203	9.2	23.4	6.1	15.6	300	1335	90	400
72	SJPK12B072	0.680	17.3	157	233	10.2	25.9	6.8	17.3	300	1335	90	400
96	SJPK8B096	0.774	19.7	202	300	11.6	29.5	7.7	19.7	600	2670	180	800
96	SJPK12B096	0.774	19.7	202	301	11.6	29.5	7.7	19.7	600	2670	180	800
144	SJPK12B144	0.774	19.7	203	303	11.6	29.5	7.7	19.7	600	2670	180	800
288	SJPK12B288	0.951	24.2	362	539	14.3	36.2	9.5	24.2	1000	4448	300	1335

**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
<b>Multimode - 62.5 µm Standard, and 50 µm Bend Insensitive</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</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	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
<b>WideBand Multimode - Bend Insensitive</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
OM5	WB3010/W5	WB	50 µm	850-953/1300	2.8/0.8	4700	1040	550	190	100	Lime Green
<b>Single-mode Bend Insensitive - ITU-T G.652.D and G.657.A1 Compliant</b>							<b>1 GbE</b>	<b>10 GbE</b>	<b>40 GbE</b>	<b>100 GbE</b>	
OS2	AB0403	AB	SMF	1310/1550	0.4/0.3	N/A	≥ 5000	≥ 10000	≥ 10000	≥ 10000	Yellow

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