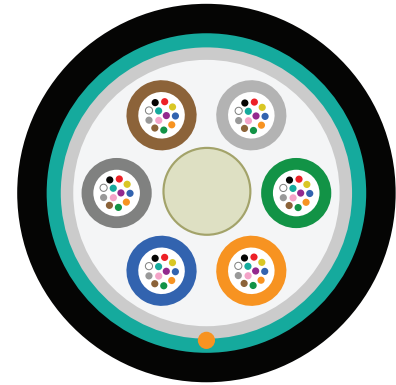


Offering the durability you expect from OCC, these Outside Plant (OSP) Fiber Optic cables offer a stranded loose tube, gel-free construction with corrugated steel tape armoring.

TL-SERIES OUTSIDE PLANT (OSP)
FIBER OPTIC CABLE – SINGLE JACKET
SINGLE ARMOR (CST)



CABLE CHARACTERISTICS	
JACKET COLOR	Black
JACKET MATERIAL	Polyethylene
ARMOR	Corrugated Steel Tape
BUFFER TUBE	2.5mm Gel-Free
FIBERS	250 µm

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS	
MECHANICAL PERFORMANCE	ICEA S-87-640
OPERATING TEMPERATURE	-40°C to +70°C
STORAGE TEMPERATURE	-40°C to +75°C
INSTALLATION TEMPERATURE (ACTUAL TEMPERATURE OF CABLE)	-30°C to +70°C

CABLE CHARACTERISTICS

FIBER COUNT	DIAMETER MM (IN)	WEIGHT KG/KM (LBS/1,000FT)	TENSILE LOAD		MINIMUM BEND RADIUS	
			INSTALLATION N (LBS)	OPERATIONAL N (LBS)	INSTALLATION CM (IN)	LONG-TERM CM (IN)
12	11.5 (0.45)	110 (74)	2700 (600)	800 (180)	17.3 (6.8)	11.5 (4.5)
24	11.5 (0.45)	110 (74)	2700 (600)	800 (180)	17.3 (6.8)	11.5 (4.5)
36	11.5 (0.45)	110 (74)	2700 (600)	800 (180)	17.3 (6.8)	11.5 (4.5)
48	11.5 (0.45)	110 (74)	2700 (600)	800 (180)	17.3 (6.8)	11.5 (4.5)
72	11.8 (0.47)	121 (82)	2700 (600)	800 (180)	17.7 (7.0)	11.8 (4.8)
96	13.4 (0.53)	152 (102)	2700 (600)	800 (180)	20.1 (7.9)	13.4 (5.3)
144	17.1 (0.67)	234 (157)	2700 (600)	800 (180)	25.7 (10.1)	17.1 (6.7)
288	19.6 (0.77)	269 (181)	2700 (600)	800 (180)	29.4 (11.6)	19.6 (7.7)

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OCC DALLAS, TX

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OCC ASHEVILLE, NC

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VISIT US AT
OCCFIBER.COM



TL-SERIES LOOSE TUBE OUTSIDE PLANT ARMORED FIBER OPTIC CABLE

LASER GRADE FIBER PERFORMANCE

Fiber Code	Industry Standard Designation	Core/Cladding Diameter (μm)	Numeric Aperture	Wavelength (nm)	Gigabit Ethernet Distance (m)	10-Gigabit Ethernet Distance (m)	Max. Cabled Attenuation (dB/km)
SLA	Bend Insensitive Low Water Peak Single-Mode ITU-T G.657.A1 & ITU-T G.652.D	9 ³ /125	—	1310/1550	5km ¹	10km ²	0.36/0.25

ORDERING INFORMATION

- 10 km for 1310 nm 1000BASE-LH, and 5 km for 1310 nm 1000BASE-LX
- 10 km for 1310 nm 10GBASE-LR, and 40 km for 1550 nm 10GBASE-ER
- Typical Mode Field Diameter at 1310 nm

SERIES		FIBER COUNT			JACKET TYPE	FIBER CODE			245μm FIBER	JACKET COLOR	RATING	REINFORCEMENT	
T	L	3	4	5	A	S	L	A	J	K	A	A	2
1	2	3	4	5	6	7	8	9	10	11	12	13	14

- Box No:**
- 1 – 2 Loose Tube Outside Plant (OSP) = **TL**
 - 3 – 5 Fiber Count = **012–288**
 - 6 Jacket Type: Outdoor Polyethylene = **A**
 - 7 – 9 Fiber Code: **SLA**
 - 10 Loose Tube with 245μm Fiber = **J**
 - 11 Standard Jacket Color:
Black = **K**
 - 12 Rating: None = **A**
 - 13-14 Reinforcement: Corrugated Steel Tape (CST) = **A2**

Example: 288-Fiber Outdoor Loose Tube Cable, CST Armored, Bend Insensitive, Single-Mode Fiber, Black Jacket

T	L	2	8	8	A	S	L	A	J	K	A	A	2
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