

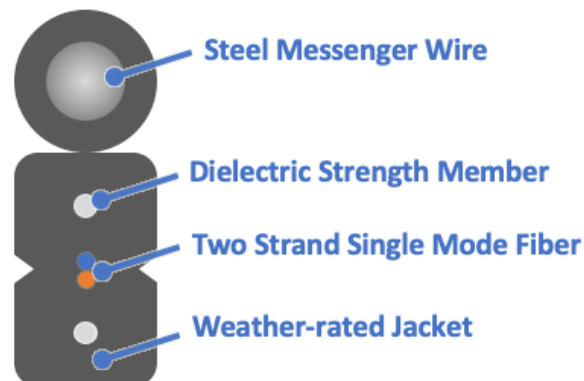
# OSPFIBER™

## OSPFiber™ LSZH Quick Strip

### Single Mode OS2 Fiber with Messenger for Drop, Direct Burial & Aerial Applications

#### Features at a Glance

- Single Mode OS2 fiber
- 2 strand distribution format
- Black LSZH jacket
- Weather-rating for water & UV exposure
- Steel messenger wire for aerial suspension or underground toning
- Dielectric strength members
- 300m (1000ft.) or 600m (2000ft.) spool lengths
- UL & RoHS certified



S2I-2F-L-BK fiber optic cable is constructed with two internal tight buffered single mode fibers, dielectric strength members, an integrated galvanized steel messenger wire, and an overall outdoor-rated LSZH jacket. The cable is designed for aerial, underground direct burial and FTTH (fiber-to-the-home / fiber-to-the business) applications.

#### Specifications

Fiber Count	2 strand (blue and orange color)
Outer Jacket	Flame retardant low-smoke zero halogen (LSZH); outdoor-rated for exposure to UV and water; black color
Strength Member	Two dielectric leads
Internal Jacket	Tight buffer
Outer Jacket Size	2.0 x 5.0mm
Strength Member	1.2mm diameter galvanized steel

#### Physical Characteristics

Fiber Type	Single Mode OS2
Fiber Core Diameter	9µm
Fiber Internal Coating Diameter	250µm
Fiber Cladding Diameter	125µm
Wavelength	1310 / 1550nm
Maximum Attenuation	<0.36dB/km @ 1310nm <0.35dB/km @ 1383nm <0.22dB/km @ 1550nm
Network Link Length (10Gb/s)	10,000m
Fiber minimum Bend Radius	30mm (1.18 inches)

**Environmental**

Storage Temperature	-40°C to +60°C
Operating Temperature	-40°C to +60°C
Ratings	UL1666 & UL1685 FT4 (flame rating), RoHS
Aerial Span Distance (Max)	Heavy Loading: 40m (131 ft) Medium Loading: 56m (184 ft) Light Loading: 80m (262 ft)

**Testing**

Tensile	Conforms to IEC 60794-1-21 E1
Crush	Conforms to IEC 60794-1-21 E3
Impact	Conforms to IEC 60794-1-21 E4
Repeated Bending	Conforms to IEC 60794-1-21 E6
Temperature Cycling	Conforms to IEC 60794-1-22 F1

**Part Numbers**

1,000ft. stock spool	S2I-2F-L-BK-1000
2,000ft. stock spool	S2I-2F-L-BK-2000

