

## Technical Specifications S2I-6M-P-BK

# 6 Strand Plenum Single Mode OS2 Fiber in Distribution Format

### Features at a Glance

- Single Mode OS2 fiber
- 6 strand distribution format
- Black color
- Plenum-rated for indoor and outdoor applications
- Water-resistant construction for installation in conduit
- Tight buffered construction
- 3.5 – 5lbs stripping force
- Corning® SMF-28 Ultra® fiber



S2I-6M-P-BK fiber optic cable is constructed with six internal tight buffers, internal aramid yarn, and one outer plenum-rated PVC jacket in distribution format. The fiber cable features a water-resistant jacket and is designed for indoor and outdoor applications.

<b>Specifications</b>	
Fiber Count	6 strands
Outer Jacket	Flame retardant Plenum PVC, Black color
Strength Member	Aramid Yarn
Internal Jacket	Tight buffer, flame retardant PVC
Outer Jacket Size	4.8mm
<b>Physical Characteristics</b>	
Fiber Type	Single Mode OS2
Fiber Core Size	9µm
Fiber Make	SMF-28 Ultra 9/125
Wavelength	1310 / 1550nm
Maximum Attenuation	0.5dB @ 0.4km
Network Link Length (10Gb/s)	10,000m
Minimum Bend Radius	7.2mm
<b>Environmental</b>	
Storage Temperature	-40°C to +70°C
Operating Temperature	-0°C to +70°C
Ratings	NFPA262 (flame rating), UL, RoHS

<b>Part Numbers</b>	
1,000ft. stock spool	S2I-6M-P-BK-1000
2,000ft. stock spool	S2I-6M-P-BK-2000
Custom lengths	S2I-6M-P-BK-***
<b>Variants</b>	
Interlocking Aluminum Armor	S2I-6M-PA-***

