

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.

Specifications	
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
Physical Characteristics	
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
Environmental	
Storage Temperature	-40°C to +70°C
Operating Temperature	-0°C to +70°C
Ratings	NFPA262 (flame rating), UL, RoHS

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

