

## Technical Specifications M3I-6M-P-BK

# 6 Strand Plenum Multimode OM3 Fiber in Distribution Format

### Features at a Glance

- Multimode OM3 fiber
- Six 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® ClearCurve® fiber



M3I-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 cable features a water-resistant jacket and is designed for indoor and outdoor applications.

Specifications	
Fiber Count	6 strands
Outer Jacket	Flame retardant black plenum PVC
Strength Member	Aramid Yarn
Internal Jacket	Tight buffer, flame retardant PVC
Outer Jacket Size	4.8mm

Physical Characteristics	
Fiber Type	Multimode OM3
Fiber Core Size	50µm
Fiber Make	Corning 50/125 ClearCurve®
Wavelength	850nm / 1300nm
Maximum Attenuation (dB/km)	3.0 @ 850nm, 1.0 @ 1300nm
Bandwidth (High Performance EMB)	2000MHz @ 850nm
Network Link Length (10Gb/s)	300m
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	
500ft. stock spool	M3I-6M-P-BK-0500
1,000ft. stock spool	M3I-6M-P-BK-1000

