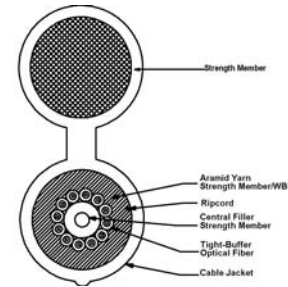


Part #: MX012AWLS9KAG3

**12 CHANNEL
Messenger Fiber Optic Cable**



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	WLS
Industry Standard Designation	OM1 ISO/IEC 11801
Core/Cladding Diameter (µm)	62.5/125
Numerical Aperture	0.275
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	300/600
10-Gigabit Ethernet Distance (m)	33/300
Maximum Cabled Attenuation (dB/km)	3.5/1.5
Minimum Laser EMB Bandwidth (MHz-km)	220/500
Minimum OFL LED Bandwidth (MHz-km)	200/500
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

Mechanical and Environmental	
Crush Resistance	1,800 N/cm
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C
Installation Temperature (actual temp. of cable)	-30°C to +60°C

Cable Characteristics	
Jacket Color	Black
Jacket Material	Polyethylene
Buffer Material	Hard Elastomeric
Messenger Cable Diameter With ¼ inch Galvanized Steel	9.0 mm (0.35 in)
Distribution Cable Diameter	7.7 mm (0.30 in)
Cable Weight	261 kg/km (175 lbs/1000')

Other Cable Characteristics			
Operating:			
Nesc. Load Rating	Light	Medium	Heavy
Max. Span Length	250 m	190 m	115 m
Percent of Sag Per 30 m	1.0	1.0	1.0