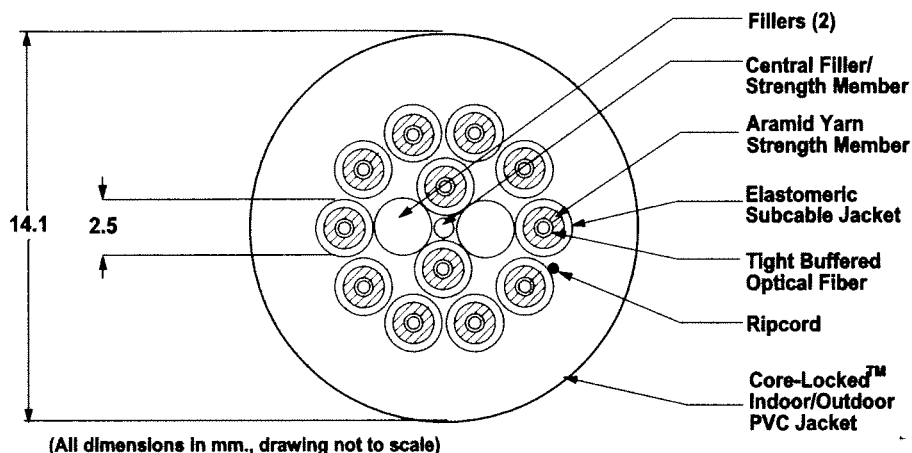


«« PROPRIETARY INFORMATION OF OPTICAL CABLE CORPORATION »»
 DETAIL DRAWING
 12-CHANNEL
 FIBER OPTIC BREAKOUT CABLE TYPE OFNR
 OPTICAL CABLE CORPORATION P/N:
~~B30100041/00012R~~ *
LASER ULTRA-FOX™



Fiber Type	Multimode	
Core Diameter	62.5 um	
Cladding Diameter	125 um	
Primary Coating Diameter (UV cured acrylate)	245 um	
Secondary Buffer Diameter (PVC)	900 um	
Numerical Aperture	0.275	
Proof Test Level	100 kpsi	
<u>Wavelength</u>	<u>850 nm</u>	<u>1310 nm</u>
Gigabit Ethernet Distance	300 m	600 m
Maximum Attenuation	3.5 dB/km	1.5 dB/km
Minimum Laser Bandwidth	220 MHz-km	500 MHz-km
Minimum LED Bandwidth	200 MHz-km	500 MHz-km
Cable Weight	153 kg/km (103 lbs/1000')	
Cable Diameter	14.1 mm (0.55 in)	
INSTALLATION:		
MAX. TENSILE LOAD	6,000 N ** (1,350 lbs)	
MIN. BEND RADIUS	21.2 cm (8.3 in)	
OPERATING:		
MAX. TENSILE LOAD	2,500 N (560 lbs)	
MIN. BEND RADIUS	14.1 cm (5.5 in)	
IMPACT RESISTANCE	1500 Impacts	
CRUSH RESISTANCE	2200 N/cm	
OPERATING TEMPERATURE	-40°C to +85°C	
STORAGE TEMPERATURE	-55°C to +85°C	
INSTALLATION TEMPERATURE	-10°C to +60°C (actual temperature of cable)	
FLAME RETARDANCY	UL Listed Type OFNR (1666)	

**** INSTALLATION LOADS IN EXCESS OF 2,700 N (600 LBS) ARE NOT RECOMMENDED.**