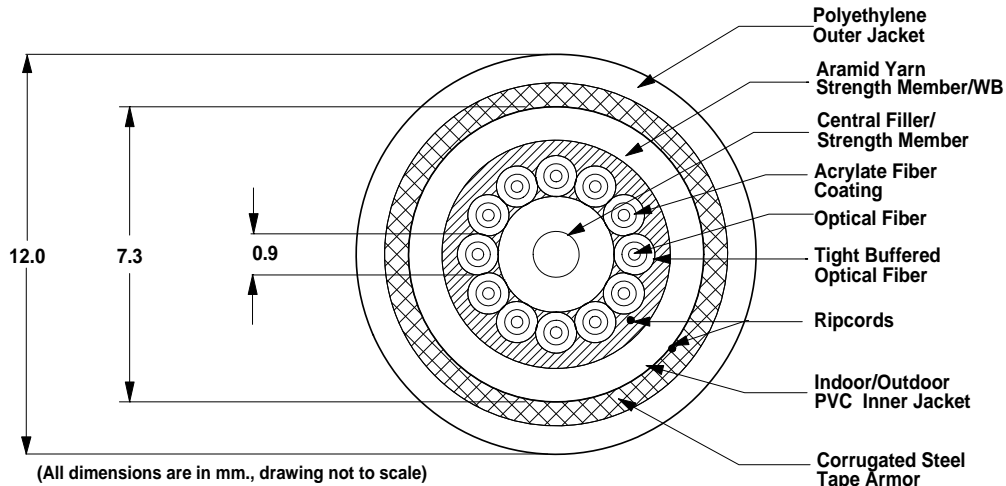


«« PROPRIETARY INFORMATION OF OPTICAL CABLE CORPORATION »»  
 DETAIL DRAWING  
 12 CHANNEL  
 ARMORED TIGHT BUFFERED DISTRIBUTION FIBER OPTIC CABLE  
 OPTICAL CABLE CORPORATION P/N:  
**DX012DSLX9KAA2 \***  
**LASER ULTRA-FOX™**



Fiber Type	Singlemode, low water peak
Cladding Diameter	125 um
Primary Coating Diameter (UV cured acrylate)	245 um
Secondary Buffer Diameter (PVC)	900 um
Proof Test Level	100 kpsi

<u>Wavelength</u>	<u>1310 nm</u>	<u>1550 nm</u>
Maximum Attenuation	0.5 dB/km	0.5 dB/km
Nominal Zero Dispersion Slope	0.092 ps/(nm <sup>2</sup> -km)	

	<u>INNER CABLE</u>	<u>ENTIRE ARMORED CABLE</u>
Cable Diameter	7.3 mm (0.28 in)	12.0 mm (0.47 in)
Inner Cable Weight	42 kg/km (32 lbs/1000')	
Total Cable Weight		143 kg/km (96 lbs/1000')

<b>INSTALLATION:</b>		
MAX. TENSILE LOAD	2,700 N (600 lbs)	2,700 N (600 lbs)
MIN. BEND RADIUS	10.8 cm (4.3 in)	18 cm (7.1 in)

<b>OPERATING:</b>		
MAX. TENSILE LOAD	600 N (135 lbs)	600 N (135 lbs)
MIN. BEND RADIUS	7.3 m (2.9 in)	12 cm (4.7 in)

IMPACT RESISTANCE	1500 impacts	20 impacts (EIA-455-25A)
CRUSH RESISTANCE	1800 N/cm	650 N/cm (EIA-455-41A)

OPERATING TEMPERATURE	-40°C to +85°C	-40°C to +85°C
STORAGE TEMPERATURE	-55°C to +85°C	-55°C to +85°C
INSTALLATION TEMPERATURE	-10°C to +60°C (actual temperature of cable)	

\* PREVIOUSLY DX12-070D-SLX-900-CST DX012DSLX9KAA2 2/20/2009 (D12ARM)