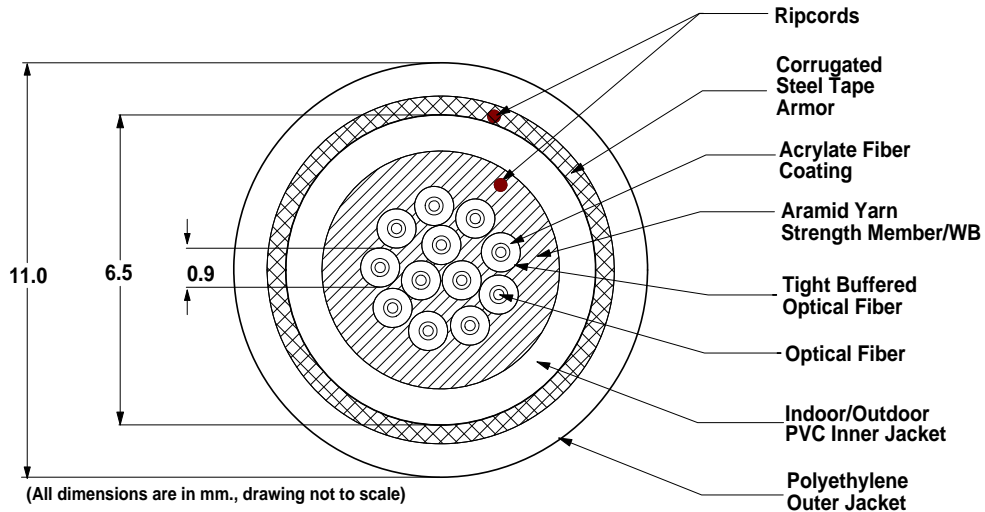


«« PROPRIETARY INFORMATION OF OPTICAL CABLE CORPORATION »»
 DETAIL DRAWING
 12 CHANNEL
 ARMORED TIGHT BUFFERED DISTRIBUTION FIBER OPTIC CABLE
 OPTICAL CABLE CORPORATION P/N:
DX012DWLS9KAA2 *
LASER ULTRA-FOX™



Fiber Type	Multimode
Core Diameter	62.5 μm
Cladding Diameter	125 μm
Primary Coating Diameter (UV cured acrylate)	245 μm
Secondary Buffer Diameter (PVC)	900 μm
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

	<u>INNER CABLE</u>	<u>ENTIRE ARMORED CABLE</u>
Cable Diameter	6.5 mm (0.26 in)	11.0 mm (0.43 in)
Inner Cable Weight	38 kg/km (25 lbs/1000')	
Total Cable Weight		128 kg/km (86 lbs/1000')

INSTALLATION:		
MAX. TENSILE LOAD	2,700 N (600 lbs)	2,700 N (600 lbs)
MIN. BEND RADIUS	9.8 cm (3.8 in)	16.5 cm (6.5 in)

OPERATING:		
MAX. TENSILE LOAD	600 N (135 lbs)	600 N (135 lbs)
MIN. BEND RADIUS	6.5 m (2.6 in)	11.0 cm (4.3 in)

IMPACT RESISTANCE	1500 impacts	20 impacts (EIA-455-25A)
CRUSH RESISTANCE	1800 N/cm	440 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 DX12-065D-WLS-900-CST DX012DWLS9KAA2 2/18/2010 (D12ARM)