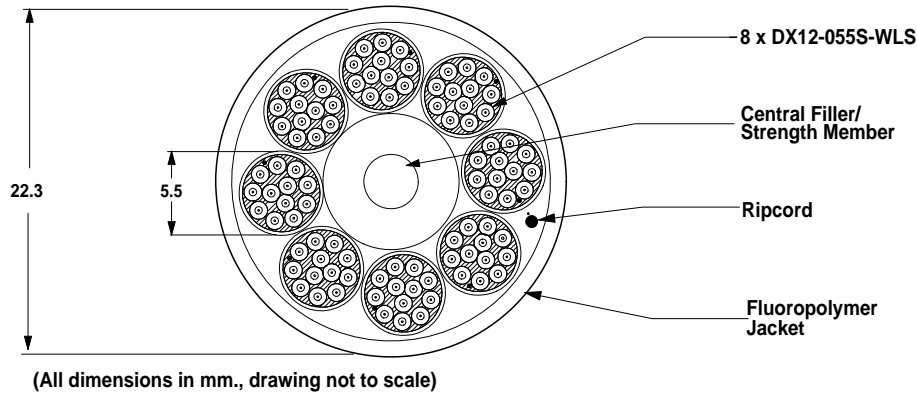


««PROPRIETARY INFORMATION OF OPTICAL CABLE CORPORATION»»
 DETAIL DRAWING
 96 CHANNEL
 SUBGROUPING FIBER OPTIC CABLE TYPE OFNP
 OPTICAL CABLE CORPORATION P/N:
GX096KWLS9OP *
LASER ULTRA-FOX™



Fiber Type	Multimode	
Core Diameter	62.5 um	
Cladding Diameter	125 um	
Primary Coating Diameter (UV cured acrylate)	245 um	
Secondary Buffer Diameter	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	454 kg/km (305 lbs/1000')	
Cable Diameter	22.3 mm (0.88 in)	
INSTALLATION:		
MAX. TENSILE LOAD	14,900 N ** (3,350 lbs)	
MIN. BEND RADIUS	33.4 cm (13.1 in)	
OPERATING:		
MAX. TENSILE LOAD	4,950 N (1,110 lbs)	
MIN. BEND RADIUS	33.4 cm (13.1 in)	
IMPACT RESISTANCE	1500 impacts	
CRUSH RESISTANCE	2100 N/cm	
OPERATING TEMPERATURE	-40°C to +85°C	
STORAGE TEMPERATURE	-40°C to +85°C	
INSTALLATION TEMPERATURE	0°C to +60°C (actual temperature of cable)	
FLAME RETARDANCY	U.L. Listed Type OFNP (ANSI/NFPA-262)	

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