

Part #: DX012

**12 CHANNEL
D-Series Distribution Outside Plant Cables**

Laser Ultra-Fox™ Fiber Performance	
Industry Standard Designation	Maximum Cabled Attenuation (dB/km)
Core/Cladding Diameter (µm)	Minimum Laser EMB Bandwidth (MHz-km)
Numeric Aperture	Minimum OFL LED Bandwidth (MHz-km)
Proof Test Level (kpsi)	100

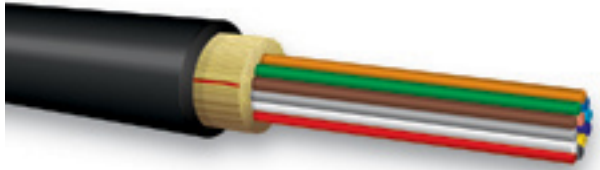
Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	2,800 N (630 lbs)	900 N (202 lbs)
Min Bend Radius	15.8 cm (6.2 in)	7.9 cm (3.1 in)

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A	1,000 Impacts
Crush Resistance TIA/EIA-455-41A	1,500 N/cm
Flex Resistance	1,000 cycles
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	
Jacket Material	
Buffer Material	Hard Elastomeric
Cable Weight	53 kg/km (36 lbs/1000')
Cable Diameter	7.9 mm (0.31 in)

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Standards

OCC's outside plant tight-buffered fiber optic cables meet the functional requirements of the following standards:

- ICEA-S-87-640
- TIA-568
- TIA-598

Applications:

- Outdoor distribution cable for duct or aerial lash installations along utility poles for cable television, telecom or other outside plant campus backbone applications

Features:

- Tight-buffered construction for easy, direct connector termination or splicing
- Polyethylene outer cable jacket for excellent UV and weather resistance
- High performance tight-buffer on the optical fibers for excellent environmental and mechanical protection
- Wide operating temperature of -40°C to +85°C
- 900µm buffer eliminates the need for costly and time-consuming installation of fan-out kits or pig-tail splices because connectors terminate directly to the fiber
- All-dielectric design does not require grounding or bonding