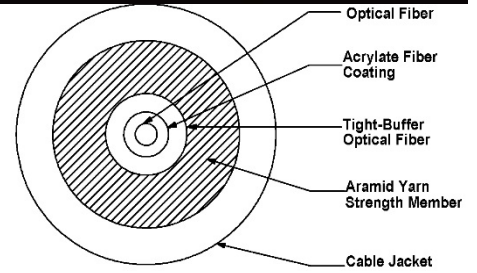


Part #: A-001CSLS5KM

**1 CHANNEL
A-Series – Deployable Single-Fiber Cables**



Ultra-Fox Plus™ Fiber Performance

Fiber Code	SLS
Industry Standard Designation	Low Water Peak Single-mode ITU-T G.652.D
Core/Cladding Diameter (µm)	9/125
Wavelength (nm)	1310/1550
Maximum Cable Attenuation (dB/km)	0.5/0.5
Primary Coating Diameter (µm)	500
Secondary Buffer Diameter (µm)	900
Zero Dispersion Slope (ps/nm ² -km)	0.092
Proof Test Level (kpsi)	100

Mechanical and Environmental

Flex Resistance TIA-455-104, Military Req.	2,000 Cycles
Crush Resistance TIA-455-41, Military Req.	440 N/cm
Operating Temperature	-55°C to +85°C
Storage Temperature	-70°C to +85°C
Installation Temperature (actual temp. of cable)	-25°C to +60°C

Installation and Operating Characteristics

	Installation	Operating
Max Tensile Load	500 N (110 lbs)	300 N (70 lbs)
Min Bend Radius	2.9 cm (1.1 in)	1.5 cm (0.6 in)

Cable Characteristics

Jacket Color	Black
Jacket Material	Polyurethane
Buffer Material	Hard Elastomeric
Cable Weight	8.4 kg/km (6 lbs/1000')
Cable Diameter	2.9 mm (0.11 in)