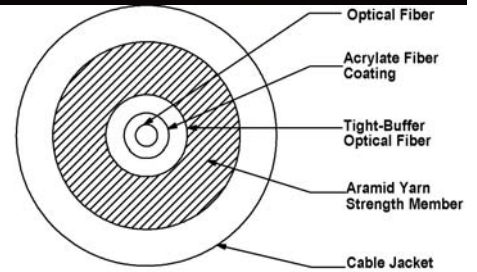


Part #: A-001CALT5KM

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



Ultra-Fox Plus™ Fiber Performance	
Fiber Code	ALT
Industry Standard Designation	Laser Optimized OM3 ISO/IEC 11801
Core/Cladding Diameter (µm)	50/125
Numerical Aperture	0.20
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	1000/600
10-Gigabit Ethernet Distance (m)	300/300
Maximum Cable Attenuation (dB/km)	3.0/1.0
Minimum Laser EMB Bandwidth (MHz-km)	2000/500
Minimum OFL LED Bandwidth (MHz-km)	1500/500
Primary Coating Diameter (µm)	500
Secondary Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A, Military Req.	200 Impacts
Crush Resistance TIA/EIA-455-41A, 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

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)

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)