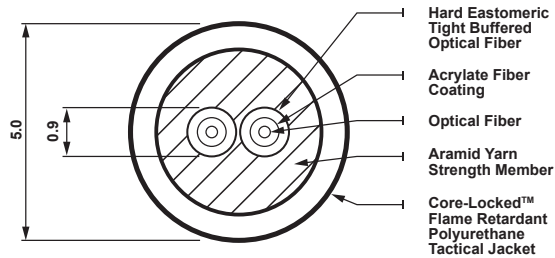




# Cable Datasheet

## FIBERFOX 2CH



### Technical Data Cables

Number of Fibers	2	
Fiber Type	Multimode	
Fiber standard	OM3	
Core Diameter	50 µm	
Cladding Diameter	125 µm	
Primary Coating Diameter	500 µm	
Secondary Buffer Diameter	900 µm	
Numerical Aperture	0.20	
Proof Test Level	100 kpsi	
Wavelength	850 nm	1310 nm
Gigabit Ethernet Distance	1000 m	750 m
Attenuation	3.5 dB/km	1.0 dB/km
Bandwidth	2000 MHz-km	500 MHz-km
Nominal Dispersion Slope	-	-
Refraction index	1.483	1.479
Cable Surface	V – jacket (Black Shiny)	
Jacket material	Polyurethane	
Cable Weight	21 kg/km	
Cable Diameter	5 mm	
Installation (static):		
Max. Tensile Load	600 N, short term	
Min. Bend Radius	50 mm	
Operation (dynamic):		
Max. Tensile Load	1800 N, short term	
Min. Bend Radius	25 mm	
Impact Resistance	200 impacts (EIA-455-25A)	
Crush Resistance	440 N/cm (BA-455-41A), short term	
Number of Conductors	-	
Nominal Core OD	-	
Conductor resistance	-	
Operation Temperature	-55°C to +85°C	
Storage Temperature	-70°C to +85°C	
Flame Performance	Hologen free Flame retardant acc. MIL-PRF-85045 Sec. 4.7.6.12.1	

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