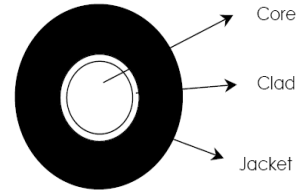


Datasheet

Product No: C1000-1

Product parameter:

◆ Fiber Core Material	PMMA
◆ Fiber Cladding Material	Fluorinated Polymer
◆ Core refractive index	1.492
◆ Numerical Aperture	0.5
◆ Number of Fiber	1
◆ Outer Jacket Material (Color)	PE (Black)
◆ Minimum Bend Radius	25mm



Specifications:

Item		Unit	Specification	Test Condition
Structural parameters	Core Diameter	μm	980 ± 60	YD/T 1447-2006
	Cladding Diameter	μm	1000 ± 60	
	Cladding non-circularity	%	≤ 6	
	Outer Jacket Diameter	mm	2.2 ± 0.07	
	Approximate Weight	g/m	4	
Optical properties	Transmission Loss	dB/km	≤200	650nm (YD/T 1447-2006)
	Transmission Loss Under 95%RH	dB/km	210	
Mechanical Characteristics	Repeated Bending Endurance	10000 Times	Loss Increment=<1dB	YD/T 1447-2006
	Tensile Strength	N	70	
	Twisting Endurance	5Times	Loss Increment =<1dB	
	Impact Endurance	0.4N.m	Loss Increment =<1dB	

Operating temperature: -50°C~+70°C

Application: communication