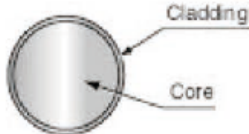


Data Sheet

Plastic Fiber Cable 1.0mm x 100 m

Product parameter: ◆ Fiber Core Material PMMA ◆ Fiber Cladding Material Fluorinated Polymer ◆ Core refractive index 1.492 ◆ Numerical Aperture 0.5 ◆ Number of Fiber 1 ◆ Minimum Bend Radius 20mm		
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Specifications:

Item		Unit	Specification	Test Condition
Structural parameters	Core diameter	μm	980±60	JIS C 6862
	Cladding diameter	μm	1000±60	
	Cladding non-circularity	%	≤6	
	Approximate Weight	g/m	1	
Optical properties	Transmission Loss	dB/km	≤220	650nm (JIS C 6863)
	Transmission Loss Under 95%RH	dB/km	240	
Mechanical Characteristics	Repeated Bending Endurance	10000 Times	Loss Increment=<1dB	JIS C 6861
	Tensile Strength	N	65	
	Twisting Endurance	5Times	Loss Increment =<1dB	
	Impact Endurance	0.4N.m	Loss Increment =<1dB	

Operating temperature: -50℃~+70℃

Application: communication