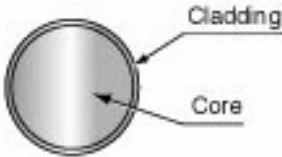


Product Specifications

Product No: DB-500

<p>Product parameter:</p> <ul style="list-style-type: none"> ◆ 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 10mm 	
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Specifications:

Item	Unit	Specification	Test Condition	
Structural parameters	Core diameter	μm	486±30	JIS C 6862
	Cladding diameter	μm	500±30	
	Cladding non-circularity	%	≤6	
	Approximate Weight	g/m	0.3	
Optical properties	Transmission Loss	dB/km	≤250	650nm (JIS C 6863)
	Transmission Loss Under 95%RH	dB/km	270	
Mechanical Characteristics	Repeated Bending Endurance	10000 Times	Loss Increment=<1dB	JIS C 6861
	Tensile Strength	N	14	
	Twisting Endurance	5Times	Loss Increment =<1dB	
	Impact Endurance	0.4N.m	Loss Increment =<1dB	

Operating temperature: -50°C~+70°C

Application: communication