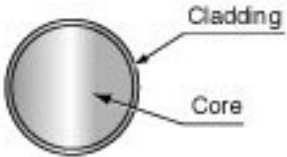


Product Specifications

Product No: VD-1500

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	

Specifications:

Item		Unit	Specification	Test Condition
Structural parameters	Core diameter	μm	1470±90	JIS C 6862
	Cladding diameter	μm	1500±90	
	Cladding non-circularity	%	≤6	
	Approximate Weight	g/m	2.2	
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	126	
	Twisting Endurance	5Times	Loss Increment =<1dB	
	Impact Endurance	0.4N.m	Loss Increment =<1dB	

Operating temperature: -50℃~+70℃

Application: communication