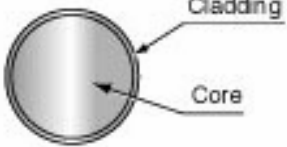


# Product Specifications

**Product No: DC-750**

<b>Product parameter:</b>		
◆ 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	15mm	

## Specifications:

Item		Unit	Specification	Test Condition
Structural parameters	Core diameter	μm	735±45	JIS C 6862
	Cladding diameter	μm	750±45	
	Cladding non-circularity	%	≤6	
	Approximate Weight	g/m	0.6	
Optical properties	Transmission Loss	dB/km	≤220	650nm (JIS C 6863)
	Transmission Loss Under 95%RH	dB/km	240	
Mechanical Characteristics	Repeated Bending Endurance	1000 Times	Loss Increment=<1dB	JIS C 6861
	Tensile Strength	N	35	
	Twisting Endurance	5Times	Loss Increment =<1dB	
	Impact Endurance	0.4N.m	Loss Increment =<1dB	

Operating temperature: -50°C~+70°C

Application: communication