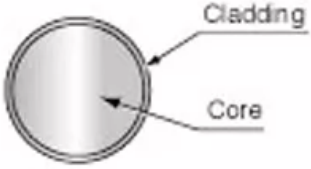


### PRODUCT PARAMETER

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	12.5mm	

### SPECIFICATIONS

Item		Unit	Specification	Test Condition
Structural parameters	Core diameter	μm	485±25	YD/T1447-2013
	Cladding diameter	μm	500±25	YD/T1447-2013
	Approximate Weight	g/m	0.233	
Optical properties	Transmission Loss	dB/km	≤350	650nm (YD/T1447-2013)
Mechanical Characteristics	Minimum Bend Radius	mm db	12.5mm Loss Increment=<0.2db	YD/T1447-2013
	Tensile Strength	N	≥14	YD/T1447-2013

Operating temperature: -40°C~+70°C

Application: illumination