



Jiangsu TX Plastic Optical Fibers Co.,Ltd



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Product Specifications



Product Specifications

Product No: TX-CC1000-1A

<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 ◆ Outer Jacket Material (Color) PE(Black) ◆ Minimum Bend Radius 25mm 	
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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	
	Outer Jacket Diameter	mm	2.2±0.1	
	Approximate Weight	g/m	4	
Optical properties	Transmission Loss(under 650nm collimated light)	dB/km	≤180	650nm (JIS C 6863)
	Transmission Loss Under 95%RH	dB/km	200	
Mechanical Characteristics	Repeated Bending Endurance	10000 Times	Loss Increment=<2dB	JIS C 6861
	Tensile Strength	N	70	
	Twisting Endurance	5Times	Loss Increment =<2dB	
	Impact Endurance	0.4N.m	Loss Increment =<2dB	

Operating temperature: -50℃~+70℃

Application: communication