

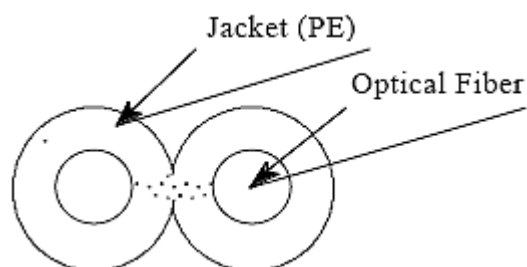


Product Specifications

Product No: A1000-1UL; $\Phi 1.0 \times 2.2$

Product parameter:

◆ 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 (Colour)	FRPE(Black)
◆ Minimum Bend Radius	25mm



Specifications:

Item		Unit	Specification	Test Condition
Structural parameters	Core diameter	μm	980 ± 50	YD/T1447-2013
	Cladding diameter	μm	1000 ± 50	
	Cladding non-circularity	%	≤ 6	
	Inner sheath diameter	mm	2.2 ± 0.07	
	Weight	g/m	4.0	
Optical properties	transmission loss	dB/km	≤ 170	
	transmission loss under 95%RH	dB/km	≤ 190	
Mechanical Characteristics	Minimum Bend Radius	mm db	25mm Loss Increment $\leq 0.5\text{dB}$	YD/T1447-2013
	Repeated Bending Endurance	10000 Times	Loss increment $\leq 1\text{dB}$	
	Twisting Endurance	5 Times	Loss increment $\leq 1\text{dB}$	
	Impact Endurance	0.4N.m	Loss increment $\leq 1\text{dB}$	
	Tensile Strength	N	≥ 70	

E466791-* JIANGXIDASHI AWM 80°C VW-1 A1000-1UL

Storage Temperature: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Operation Temperature: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Transmission Loss under: $+75^{\circ}\text{C}$

Application: communication