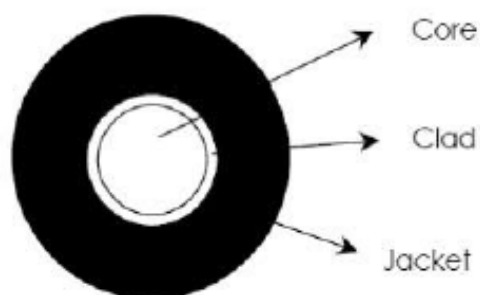




ENGLISH

Datasheet

Single core polymer fibre cable,20m



Product parameters

1. Fiber Core Material	PMMA
2. Fiber Cladding Material	Fluorinated Polymer
3. Core refractive index	1.492
4. Numerical Aperture	0.5
5. Number of fiber	1
6. Jacket Material(color)	PE(Black)
7. Minimum Bend Radius	25mm

Structural parameters

Core Diameter	980+-60um
Cladding Diameter	1000+-60um
Cladding non-circularity	<=6%
Outer Jacket Diameter	2.2+-0.07mm
Approximate Weight	4g/m

Optical properties

1/12/2017

Transmission Loss	dB/km	≤ 200	Test condition:650 (JIS C 6863)
Transmission Loss Under 95%RH	dB/km	210	

Mechanical Specifications

Repeated Bending Endurance	1000 times	Loss Increment= ≤ 1 dB
Tensile Strength	N	70
Twisting Endurance	5 times	Loss Increment= ≤ 1 dB
Impact Endurance	0.4N.m	Loss Increment= ≤ 1 dB

Environmental Specifications

Operating Temperature Range	- 45°C+85°C
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