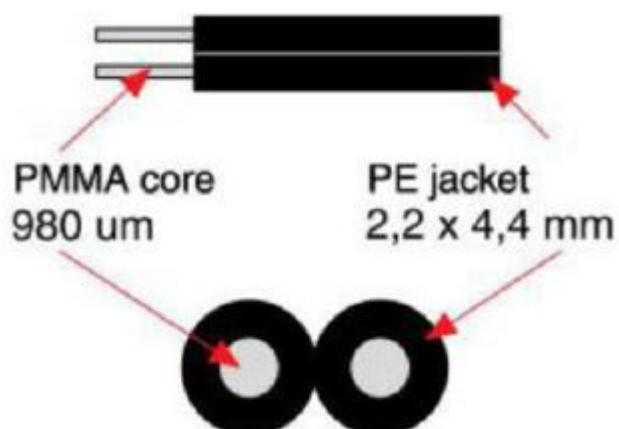


## Datasheet

### Twin 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	8g/m

#### Optical properties

Transmission Loss	dB/km	<=190	Test condition:650nm (JIS C 6863)
Transmission Loss Under 95%RH	dB/km	210	

### Mechanical Specifications

Repeated Bending Endurance	10000 times	Loss Increment=<1dB
Tensile Strength	N	70
Twisting Endurance	5 times	Loss Increment=<1dB
Impact Endurance	0.4N.m	Loss Increment=<1dB

### Environmental Specifications

Operating Temperature Range	- 45°C+85°C
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