

Plastic Fiber Optical Cable

Product Information

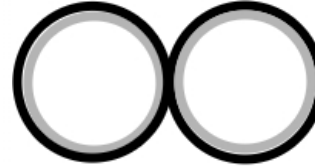
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MECHANICAL PROPERTIES

Simplex



Duplex



Others



Core	Polymethyl Methacrylate (PMMA)		
Cladding	Fluorinated Polymer		
Jacket	FR-PVC, PE, or FR-PE		
Fiber Diameter	0.5mm, 0.75mm, 1.0mm, 1.5mm		
Cable Diameter	Upon customer's request		
Structure	Step Index		
Numerical Aperture (N.A.)	0.50		
Acceptance Angle, degree	60	60	---
Attenuation @650nm	Under 0.20 dB/m		
Allowable Bending Radius	Min. 25		
Available Temperature Range	-40 ~ +70 ⁰ C		

APPLICATIONS

Light Guide

- illuminations in automobiles & electric device
- illuminations in medical device

Optical Sensor

- optical fiber switches
- temperature, presure & chemicals

Data Communications

- home network
- office network
- universal transceiver links
- point-to-point
- audio systems
- mobile computing

Image Transmission

- image guide
- image scope

Sign & Displays

Electric Appliances

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