



OPTIC PATCH CORDS

FIBER

Datasheet



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1 Overview

Merocom offers a full line of fiber optic patch cords for a comprehensive range of optical network applications. All patch cords feature the highest quality components to provide industry-leading performance and reliability. When you are looking to deliver high data rates throughout your network via optical connectivity, look to Merocom to deliver maximum



Primary Benefits

- Enables your network to operate at high speeds while effectively handling increasing bandwidth demands
- Signals can be carried over much longer distances and require lower-power transmitters than traditional copper products
- Fiber optic technology eliminates electromagnetic interference from radios, motors, etc.

Key Features and Options

- Single mode (8/125) and multimode (50/125 or 62.5/125) options available
- Simplex and duplex cables available
- Cable outer jacket diameter options include:
 - 900um – 1.7mm
 - 2.0mm – 3.0mm
- Connector options include:
 - SC/UPC – SC/APC
 - FC/UPC – FC/APC
 - LC/UPC – LC/APC
- Cable type options include:
 - Low smoke/zero halogen
- Custom lengths available in units of feet or meters



2 Specification

Cable Parameters		
Items		Specifications
Fiber Type		G.657A2
Fiber Count		1
Tight buffered fiber	Dimension	0.9±0.05mm
	Material	PVC
Strength Member		Aramid yard
Jacket	Dimension	2.0±0.1mm
	LSZH	LSZH

Mechanical and Environmental Characteristics		
Items	Unite	Specifications
Tension (Long Term)	N	40
Tension (Short Term)	N	80
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	500
Min. Bend Radius (Dynamic)	mm	20d
Min. Bend Radius (Static)	mm	10d
Operation temperature	°C	-40~+80
Environment-protection	-	RoHS