

Fibre Optic Patch Leads

Fibre Patchcords

Product Code: FOPLPC

Feature

- Comply with: JIS C-5973, IEC, Bellcore
- High Stable mating and de-mating characteristics
- Low insertion loss and high return loss
- Designed for variable cable
- Customized assembly
- Various connect and optical performance combinations



Specifications

Characteristics		Values
Structure		Satisfied Telcordia GR-326-CORE
Fibre Type Insertion Loss		SM(9/125), MM(50/125, 62.5/125)
Return Loss		≤ 0.2dB (against master connector)
Return Loss	SPC	≥40dB
	UPC	≥55dB
	APC	≥65dB
Maturing durability		≤ 0.2 dB (500times)
Operating temperature stability		≤ 0.3dB (-40°C ~ +85°C)

Ordering Information

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Fibre Type	Length	Connector Type/End Shape		Cord Dia (mm)	Boot colour	Cord	X Housing colour	XX Width of key
SM: 9/125 MM: 50/125 HMM: 62.5/125 SMM: @ DZ Ones is SM/ the other is MM(@ MT-RJ)	1 – 99m	S: SC F: FC T: ST L: LC M: MU R: MT-RJ	S: SPC U: UPC A: APC	09: 0.9 16: 1.6 20: 2.0 24: 2.4 30: 3.0	B: Blue K: Black G: Green Y: Yellow R: Red W: White O: Option	S: Simplex DR: Duplex round DZ: Duplex zipcord Q: Quad zipcord	B: Blue(PC) G: Green(APC) GR: Gray(MM) *Only SC,LC Type	N: 2.09mm – 2.14 mm R: 1.97mm – 2.02 mm *Only FC type
Minimum Order Quantity: 5 pieces (of any one type)								

Fibre Optic Patch Leads

MCP (Mode conditioning patch cord)

Product Code: FOPLMCPL

Feature

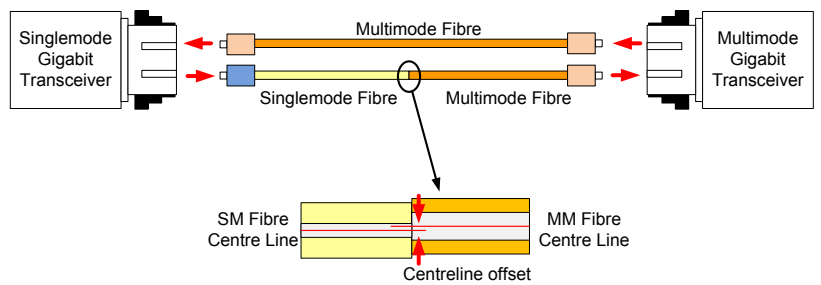
- Comply with: JIS C-5973, IEC, Bellcore standards
- Various connector and optical performance combinations

Benefit

A mode conditioning patch cord is a duplex multimode cord that has a small length of single mode Fibre at the start of the transmission leg. The basic principle behind the cord is that you launch your laser into the small section of the single mode fibre. The other end of the single mode fibre is coupled to multimode section cable with the core offset from the centre of the multi-mode fibre. The laser light thus misses the dip and this new launch configuration more closely mimics a standard LED launch. The bonus is that you still retain the speed average from using laser

Applications

- Connecting between existing multimode (50/125, 62.5/125) cable and Gigabit Ethernet 1000base Lx Router, Switch



Specifications

Characteristics		Values
Operating wavelength		1310nm
Fibre Type		SM(9/125), mm(50/125, 62.5/125)
Insertion loss		≤ 0.2dB (against master connector)
Return Loss	SPC	≥ 40dB
	UPC	≥ 55dB
	APC	≥ 65dB
Mating Durability		≤ 0.2dB (500 matings)
Operating Temperature stability		≤ 0.3db (-40°C ~ + 85°C)

Ordering Information

1Gigabit Ethernet	50/125µm 500/500MHZ-km	62.5/125µm 200/500MHZ-km	62.5/125µm 160/500MHZ-km
850nm-1000SX	550m	275m	220m
1310nm- 1000LX(MCP)*	550m	550m	550m

Ordering Information

FOJC - - - / - / - - -

Fibre Type	Length (L)	Connector Type/ End Shape		Cord Dia (mm)	Boot Colour	Cord
SM: 9/125 MM: 50/125 HMM: 62.5/125	1-20m	S: SC F: FC T: ST L: LC M: MU R: MT-TJ	S: SPC U: UPC A: APC	09: 0.9 16: 1.6 20: 2.0 24: 2.4 30: 3.0	B: Blue K: Black G: Green Y: Yellow R: Red W: White O: Option	DZ: Duplex Zipcord

Minimum order quantity: 10 pieces (of any one type)

Fibre Optic Patch Leads

Flexible Fibre Optic Patch Cords

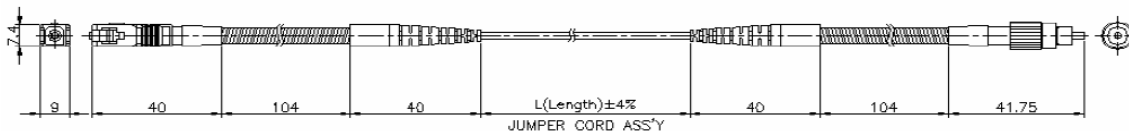
Product Code: FOPLFLC

Feature

- Comply with: JIS C-5973, IEC, Bellcore Standards
- Low insertion loss and high return loss
- Designed for variable cable
- Customized assembly
- Various connector and optical performance c
- Available any directions of curve



Specifications		
Characteristics		Values
Structure		Satisfied Telcordia GR-326-CORE
Fibre Type		SM(9/125), mm(50/125, 62.5/125)
Insertion loss		≤ 0.2dB (against master connector)
Return Loss	SPC	≥ 40dB
	UPC	≥ 55dB
	APC	≥ 65dB
Mating Durability		≤ 0.2dB (500 matings)
Operating Temperature stability		≤ 0.3db (-40°C ~ + 85°C)



Ordering Information

FOJC - - - / - / - - - - X - X X

Fibre Type	Length (L)	Connector Type/ End Shape		Cord Dia (mm)	Boot Colour	Cord	X Housing Colour	XX Width of key
SM: 9/125 MM: 50/125 HMM: 62.5/125	1-99M	S: SC F: FC T: ST L: LC M: MU	S: SPC U: UPC A: APC	09: 0.9 16: 1.6 20: 2.0	B: Blue K: Black G: Green	S: Simplex	B: Blue(PC) G: Green(APC) GR: Gray(MM) *Only SC, IC Type	N: 2.09mm – 2.14mm R: 1.97mm-2.02mm *Only FC Type
Minimum order quantity: 10 pieces (of any one type)								