



Opto-Link
Corporation Ltd

Optical Connectors *Patchcord*

Patchcord provides low insertion loss, high return loss, low polarization effects which can provides excellent environmental stability for PM amplifier, fiber lasers and test instrumentation applications.



Types

- Single Mode (633/780/850/1064/1310/1550nm) Patchcord
- Multimode (850/1310nm) Patchcord
- Polarization Maintaining (850/980/1060/1310/1480/1550nm)

Applications

- PM Amplifier
- Fiber Lasers
- Test Instrumentation

Features

- Low Insertion loss
- Low Polarization Effects
- Environmentally Stable



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SPECIFICATIONS

Single Mode (633nm,780nm,850nm,1064nm,1310nm & 1550nm)

Parameter		PC	UPC	APC	Units
Wavelength		633 or 780 or 850 or 1064 or 1310 or 1550			nm
Insertion Loss	Max	0.3			dB
Interchange Ability	Max	0.1			dB
Repeatability	Max	0.2			dB
Tensile Load		5			N
Connection Durability	Min	1000			Times
Return Loss	Min	50	50	60	dB
Connector		FC,SC			--
Operating Temperature	FC	-40 to 80			°C
	SC	-25 to 70			°C

Multimode (850nm & 1310nm)

Parameter		PC	Units
Operating Wavelength		850 or 1310	nm
Insertion Loss	Max	0.1	dB
Return Loss	Min	36	dB
Interchange Ability	Max	0.2	dB
Repeatability	Max	0.1	dB
Connection Durability	Min	1000	Times
Tensile Load		5	N
Connector		FC, SC, ST	--
Operating Temperature	FC	-5 to +70	°C
	SC	-40 to +85	°C

Polarization Maintaining (850nm,980nm,1060nm,1310nm,1480nm & 1550nm)

Parameter		Values	Units
Operating Wavelength		850 or 980 or 1060 or 1310 or 1480 or 1550	nm
Connector Type		FC/UPC, SC/UPC FC/APC, SC/APC	--
Insertion Loss	Max	0.5	dB
	Typ	0.3 0.4	dB
Return Loss	Min	50 60	dB
Extinction Ratio	Min	23	dB
Optical Power	Max	300	mW
Key Orientation		Slow Axis	--
Axis Alignment		+/- 3°	--
Fiber Length Tolerance		+/-10	%
Operating Temperature		-5 to +70	°C
Storage Temperature		-40 to +85	°C

*IL is 0.1dB higher for short wavelength.

ORDERING CODES

OLPC - [] - 1st END - 2nd END - [] - [] - [] - []

Mode and Wavelength	Code
Single Mode	1064nm SM106
	1310nm SM131
	1550nm SM155
MultiMode	850nm MM850
	1310nm MM131
Polarization Maintaining	850nm PM850
	980nm PM980
	1064nm PM106
	1310nm PM131
	1480nm PM148
	1550nm PM155

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

Buffer Type	Code
900µm buffer	90
3mm cable	3
Others	Specify

Fiber Length	Code
1m	1
Others	Specify

Fiber Type	Code
Panda Fiber	Panda
Others	Specify

Key Width(For FC)	Code
2.02mm	R

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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com