

Single-Mode(SM), Multi-Mode(MM), Quartz, or Plastic OPTICAL FIBER PATCHCORD

(SM & MM Patchcord Series)



PHOTONIK SM & MM fiber patchcord series have excellent environmental stability, high return loss, low insertion loss, and low polarization dependence(for SM). SM fiber is the common and popular jumper component for fiber delivery, optical networking systems, transmission and receiving system, fiber amplifier, test instrumentation, bio-sensor system, detection system, and optical fiber-based experimental systems for educational use.

General Specifications

Parameters	Unit	Values
Connector Type		FC/UPC, FC/APC, SC/UPC, SC/APC, LC/UPC ST/UPC, MU/PC, MTRJ, SMA, etc
Wavelength	nm	360, 405, 488, 532, 630*, 780*, 800*, 980*, 1060*, 1310, 1480, 1550...
Fiber Type		S - Singlemode(360-,405-,630-,780-HP; Flexcore1060, SMF-28, or DSF...) M - Multimode: 50/125um, 62.5/125um, 100/120um Q - Quartz Fiber Core: pre request(for high power fused silica fiber) P - Plastic Fiber Core: pre request
Insertion Loss	dB	0.3 Max for SM 0.1 Max for MM
Optical Return Loss	dB	50 Min. for SM 40 Min. for MM
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85
Original Fiber Manufacturers		Corning; 3M, Nufem, Fibercore, Lucent and StockerYale etc..

* Typical insertion loss 0.1dB higher for short wavelengths

Package Dimensions



Ordering Information

PPC(SM)-①①-②-③③-④-⑤-⑥

PPC(MM)-①①-②-③③-④-⑤-⑥

PPC(Q)-③③-④-⑤

PPC(P)-③③-④-⑤

①① : Wavelength

1550 - 1550 nm	1480 - 1480 nm
1310 - 1310 nm	1060 - 1060nm
0980 - 980 nm	0800 - 780/800nm
0630 - 630 nm	0532 - 532nm
0488 - 488nm	0405 - 405nm
0360 - 360/370nm	S - Specify

③③ : Connector type (For end 1 and 2)

01 - FC/UPC	07 - ST/UPC
02 - FC/APC	08 - ST/APC
03 - SC/UPC	09 - MU/UPC
04 - SC/APC	11 - SMA
05 - LC/UPC	S - Specify
06 - LC/APC	

⑤ : Fiber length

1 - 1.0 m
S - Specify

② : Key width(For FC type)

R - 2.02 mm
N - 2.14 mm

④ : Buffer type

0.25 - 250um bare fiber
0.9 - 900um loose tube
3.0 - 3mm cable
S - Specify

⑥ : Fiber type

S - Specify

Contact Information:

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