

## Polarization-Maintaining (PM) Jumper Cable / Patch Cord (FC, SC, LC)

### Specifications

Contact Hengyan Photonics with your custom specification needs.

| Parameter                      |     | Unit   | PC           |                     | APC          |                     |
|--------------------------------|-----|--------|--------------|---------------------|--------------|---------------------|
| Wavelength                     |     | nm     | 980, or 1060 | 1310, 1480, or 1550 | 980, or 1060 | 1310, 1480, or 1550 |
| Insertion Loss (23°C, All SOP) | Max | dB     | 0.35         | 0.35                | 0.4          | 0.4                 |
| Extinction Ratio               | Min | dB     | 20           | 23                  | 20           | 23                  |
| Return Loss                    | Min | dB     | 40           |                     | 60           |                     |
| Exchange                       | Max | dB     | 0.2          |                     |              |                     |
| Repeatability                  | Max | dB     | 0.2          |                     |              |                     |
| Durability                     | Min | Cycles | 1000         |                     |              |                     |
| Optical Power Handling         | Max | mW     | 250          | 300                 | 250          | 300                 |
| Operating Temperature          |     | °C     | -5 to 70     |                     |              |                     |
| Storage Temperature            |     | °C     | -40 to 85    |                     |              |                     |

\* SOP=State Of Polarization

\* Connector key is aligned to slow axis.

### Ordering Information

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| PMJP | Fiber Type | Connector-1 | Connector-2 | Connector Key Alignment            | Cable Type | Fiber Length |
|------|------------|-------------|-------------|------------------------------------|------------|--------------|
| PMJP | 15=PM 1550 | FC=FC/PC    | FC=FC/PC    | SX=On Slow Axis<br>FX=On Fast Axis | B=250um    | 10=1.0m      |
|      | 13=PM 1300 | FA=FC/APC   | FA=FC/APC   |                                    | L=900um    | 15=1.5m      |
|      | 14=PM 14XX | SC=SC/PC    | SC=SC/PC    |                                    | W=2mm      | 20=2.0m      |
|      | 98=PM 980  | SA=SC/APC   | SA=SC/APC   |                                    | H=3mm      | 30=3.0m      |
|      | X=Others   | LC=LC/PC    | LC=LC/PC    |                                    | X=Others   | X=Others     |
|      |            | LA=LC/APC   | LA=LC/APC   |                                    |            |              |
|      |            | X=Others    | X=Others    |                                    |            |              |