

# Polarization Maintaining Connector(CONN)

## Description

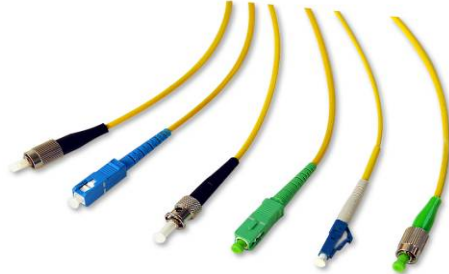
LightComm manufactures FC, SC, ST, LC, MU and other types fiber connectors, patch cords, with the single mode fiber, multimode fiber or the Polarization Maintaining fiber.

## Features

- \* Low insertion loss
- \* High return loss
- \* High repeatability

## Applications

- \* Fiber device
- \* Fiber systems



## Specifications

| Parameter                  |                             | Polarization Maintaining Connector |         |          |        |                                  |        |     |
|----------------------------|-----------------------------|------------------------------------|---------|----------|--------|----------------------------------|--------|-----|
| Operating wavelength (nm)  |                             | 1550                               | 1310    | 980/1060 | 850    | 780                              | 633    |     |
| Fiber type                 |                             | PM 1550                            | PM 1310 | PM 980   | PM 850 | PM 780                           | PM 630 |     |
| Insertion loss(dB)         |                             | ≤0.3                               |         | ≤0.5     | ≤0.8   | ≤0.8                             | ≤1.5   |     |
| Return loss (dB)           | UPC                         | ≥50dB                              |         |          |        |                                  |        |     |
|                            | APC                         | ≥60dB                              |         |          |        |                                  |        |     |
| Extinction ratio(dB)       | PM Connector                | P                                  | ≥25     | ≥25      | ≥23    | ≥22                              | ≥22    | ≥20 |
|                            |                             | A                                  | ≥23     | ≥23      |        |                                  |        |     |
|                            | PM Component with Connector | Based on the component's ER -2dB   |         |          |        | Based on the component's ER -3dB |        |     |
| Operating temperature (°C) |                             | -20 ~ +70                          |         |          |        |                                  |        |     |

\*The fiber length & the fiber type are following the customer request for jumpers.

\*\*Accord Telcordia GR-326-CORE.

## Ordering Information

XXXX-X-X-XXX-XX/XXX-XX/XXX

