

## Product Introduction:

Fiber optic pigtails provide a fast way to make communication devices in the field. They are designed, manufactured and tested according to protocol and performance dictated by the industrial standards, which will meet your most stringent mechanical and performance specifications.

The Fiber Optic Pigtails/Patch Cord is a length of Fiber cable with connectors fixed on two ends to realize the optical path active connection. Pigtail is a length fiber cable with only one connector fixed on one end. If both sides of the connector or its end-face are different, we call it hybrid patch cord. According to the transmission medium, it divides to Single Mode and Multi Mode Fiber Optic Patch Cord; According to the connector structure type, it divides FC, SC, ST, MU, D4, E2000, LC etc.; According to the polished ceramic end-face, it divides to PC, UPC and APC.

## Features:

- Structure: tight-buffered fiber+ jacket
- Tight-buffered fiber : SM:G652D, G657A1, G657A2 or MM:62.5/125, 50/125(OM3,OM4) available 0.9mm PVC tight-buffered fiber
- Color: SM/ White or yellow MM/Blue or orange
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Good mechanical and environmental characteristics;

## Application:

Fiber Optic Pigtail/Patch Cord widely used in CATV, FTTH/FTTX, telecommunication networks, premise installations, data processing networks, LAN/WAN network, and more.

|                       |   |                     |                                |
|-----------------------|---|---------------------|--------------------------------|
|                       | SC/APC                                  | Jacket OD           | 0.9mm,2.0mm,3.0mm              |
| Fiber Mode            | 9/125 $\mu$ m                           | Jacket Color        | 12 colors                      |
| Polish Type           | APC to APC                              | Wavelength          | 1310/1550nm                    |
| Fiber Count           | 12                                      | Jacket Material     | PVC/LSZH                       |
| Insertion loss        | $\leq 0.3$ dB                           | Interchangeability  | $\leq 0.2$ dB                  |
| Return loss           | $\geq 55$ dB                            | Vibration           | $\leq 0.2$ dB                  |
| Operating temperature | -40~75°C                                | Storage temperature | -45~85°C                       |
| Length                | 2/5/10/15/20m/100m<br>customized length | delivery date       | 3-7days according the quantity |