

# FC Pigtail

Model: PGSSM-FC-0.9-1.0



We supply **FC fiber optic pigtails**, including the single mode and multimode types, these FC fiber pigtails are with premium grade connectors and with typical 0.9mm outer diameter cables. They are with different cable color, cable diameter and jacket types optional.

The FC connector is with UPC, APC versions. Both single mode and multimode versions come with a zirconia ceramic ferrule. The FC cables are low back reflection and optical loss while ensuring maximum repeatability. FC fiber pigtails use with 9/125 single mode, 50/125 multimode or 62.5/125 multimode fiber.

## FC fiber optic pigtail applications

- ◆ CATV
- ◆ Metro Applications
- ◆ Active device termination
- ◆ Test equipment
- ◆ Wide Area Networks (WANs)
- ◆ Telecommunication networks
- ◆ Local Area Networks (LANs)
- ◆ Data processing networks
- ◆ Premise installations
- ◆ Industrial and Military

## FC fiber optic pigtail features

- ◆ Compliance with Telcordia, ANSI, IEC, TIA/EIA, NTT and JIS specifications
- ◆ Low insertion loss & back reflection
- ◆ One-piece construction & pull-proof design
- ◆ Free-floating ceramic ferrule
- ◆ Precision anti-rotation key
- ◆ UL-rated plastic housing and boots in a variety of colors
- ◆ Telcordia style boots
- ◆ Corrosion resistant body (Nickel Plated Brass)

## Fiber Standards

Singlemode fiber: ITU-T G.652

\*Multimode fiber: ITU-T G.651

\*Standard: Telcordia GR-326-CORE

\*Standard housing, ceramic ferrule

\*Cable diameter: 3.0mm or 2.0mm or 0.9mm

\*Fiber type: 9/125 $\mu$ m, 62.5/125 $\mu$ m or 50/125 $\mu$ m or 10G

\*Insertion loss: SM Less than 0.3db, MM less than 0.3db

\*Return loss:

UPC SM Larger than 50db

APC SM larger than 60db

UPC MM larger than 20db

\*Repeatability: Less than 0.2db

\*Changeability: Less than 0.1db

\*Operating temperature range: -40°C ~ 80°C

\*Storage temperature range: -40°C ~ 80°C

\*Tensile strength: 100N

\*Min. bending radius: 35mm

## FC Fiber Optic Pigtails Specifications

UPC or APC polishing