

## Fiber SC Pigtail

Model : PGSSM-\*\* / PGSMM-\*\*



We supply **SC fiber optic pigtails**, including the single mode and multimode types, these SC fiber pigtails are with premium grade connectors and with typical 1 0.9mm outer diameter cables. Simplex SC fiber pigtail and duplex SC fiber pigtails are available, with different cable color, cable diameter and jacket types optional.

It is with one piece construction and pulls proof design. SC is low cost but high performance, which makes it one of the most popular cables. We supply the single mode 9/125, multimode 50/125 and multimode 62.5/125 types SC fiber optic pigtail cables. They are with various UPC, and APC connectors respectively. Our SC fiber pigtails are available in simplex or duplex versions, with custom design available.

### SC fiber optic pigtail applications

- ◆ CATV
- ◆ Metro
- ◆ Active device termination
- ◆ Test equipment
- ◆ Telecommunication networks
- ◆ Local Area Networks (LANs)
- ◆ Data processing networks
- ◆ Premise installations
- ◆ Wide Area Networks (WANs)
- ◆ Industrial, medical & military

### SC 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 and corrosion resistant body
- ◆ UL-rated plastic housing and boots in a variety of colors
- ◆ Telcordia style boots
- ◆ Adapters with choice of metal or plastic housing, mount styles & flange options

### SC Fiber Optic Pigtails Specifications

UPC or APC polishing

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 OM1, OM2, OM3

\*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