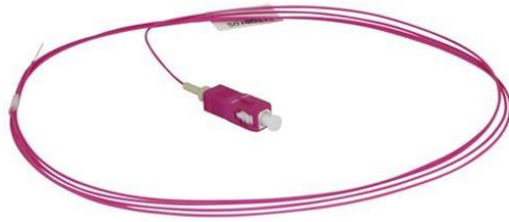# CoreTECH

Fiber SC Pigtail OM4

Model: PGSMM4-SC-0.9-1.0

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 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. They are with various PC and UPC 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
♦ LSZH (Low Smoke Zero Halogen) and
   Flame Retardant
♦ Adapters with choice of metal or plastic housing,
   mount styles & flange options
♦ Designed for 10 Gb/s transmission.

SC Fiber Optic Pigtails Specifications

PC, UPC polishing

Fiber Standards:

*Multimode fiber: ITU-T G.651

*Standard: Telcordia GR-326-CORE

*Standard housing, ceramic ferrule

*Cable diameter: 0.9mm

*Fiber type: 50/125µm OM4

*Insertion loss: MM less than 0.3db

*Return loss:

   PC MM larger than 25db

   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