

SC series

Optical Patchcord Specifications – SC Patchcord



Description

Topscom SC Fiber Optic patchcords are used in a variety of test, telecommunication and data-communication applications. Topscom patchcords utilize UPC as standard connector end face polish. Custom lengths and APC polish are available as per customer request.

Features

- ❖ Push-pull, key-oriented coupling mechanism which allows highly repeatable, low-loss connections
- ❖ Simplex, duplex, and multi-fiber assemblies available in standard and custom configurations
- ❖ Available in Singlemode or Multimode
- ❖ UPC or APC finish
- ❖ Compliant with Telcordia GR-326-CORE specification
- ❖ UL94V-O compatible resin housing and optional UL94V-O compatible resin boot is available
- ❖ Easy to assemble one piece SC connector body
- ❖ Pre-radiused Zirconia Ceramic Ferrule
- ❖ Low insertion loss
- ❖ Low backreflection

Application

- ❖ CATV
- ❖ Active device termination
- ❖ Telecommunication networks
- ❖ Local area networks
- ❖ Data processing networks
- ❖ Premise installations
- ❖ Industrial

- ❖ Medical
- ❖ Test equipment
- ❖ Multimedia

Optical Performance

Type	Singlemode (UPC)	Singlemode (APC)	Multimode (UPC)
Insertion loss	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$	$\leq 0.3\text{dB}$
Return loss	$\geq 50\text{dB}$	$\geq 65\text{dB}$	$\geq 25\text{dB}$
Operating temperature	-40°C to +80°C		