

Optical Patchcord Specifications – FC Patchcord



Description

Topscom FC fiber optic patchcords are used in a variety of test, telecommunication and data-communication applications. Topscom patchcords utilize PC as standard connector end facepolish. Custom lengths and UPC or APC polish are available as per customer request.

Features

- ❖ Threaded, key-oriented coupling mechanism which allows repeatable, low-loss connections
- ❖ Small Form Factor - Half the size of duplex SC and ST connectors
- ❖ Simplex, duplex, and multi-fiber assemblies available in standard and custom configurations
- ❖ Singlemode and Multimode
- ❖ PC or APC finish
- ❖ Compliant with Telcordia GR-326-CORE specification

Application

- ❖ CATV
- ❖ Active device termination
- ❖ Telecommunication networks
- ❖ Local area networks (PC Polishing)
- ❖ Optical transmission systems
- ❖ Premise installations
- ❖ Industrial
- ❖ Medical (PC Polishing)
- ❖ Multimedia (APC Polishing)

Optical Performance

Type	Singlemode (PC)	Singlemode (APC)	Multimode (PC)
Insertion loss	≤ 0.15 dB	≤ 0.3 dB	≤ 0.3 dB
Return loss	≥ 55 dB	≥ 65 dB	≥ 25 dB
Operating temperature	-40°C to +80°C		