

FIBRE OPTIC CONNECTORS & ADAPTERS

SC Connector/Adapter

The OPTiFab SC (*Subscriber Connector*) is a low cost and durable snap-in, push-pull style connector, commonly utilized in newer network applications. It is characterised by its square housing, 2.5mm ferrule and features a keyway for correct insertion purposes.

Connector Features:

- PC, UPC and APC polishing options
- Simplex and Duplex configuration
- Easy and safe insertion and removal
- Robust construction
- Excellent choice for singlemode applications
- Colours available: beige, blue and green
- 900µm, 2mm and 3mm diameter boot

Connector Specifications

Temp. Cycling	-40 to +75°C, 40 cycles; =0.2dB Change
High Temp.	70°C for 96 hours; < 0.4dB Change
Damp Heat	40°C at 93% RH, 96 hours; < 0.4dB Change
Vibration	10-55 Hz, 1.5mm P to P; < 0.2dB Change
Mating Durability	500 mating cycles; < 0.2dB Change
Operating Temp.	-40°C to +85°C

Connector Performance - Singlemode

Insertion Loss	Max. 0.3dB; Typical 0.2dB
Return Loss	UPC > 50dB Typical 55dB APC > 60dB Typical 65dB

Connector Performance - Multimode

Insertion Loss	Max. 0.5dB; Typical 0.3dB
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Duplex Singlemode Connector



Simplex Multimode and APC



Duplex and Simplex Adapters

