

ST Connector

The ST connector has been the main stay of optical fibre connectors for many years. It can be found in almost every communications room world wide, but used mainly in data communications systems. The simple to use bayonet locking mechanism reduces the risks of accidental disconnection.

The Brotechs ST optical fibre connector comprises of a nickel plated brass body and a ceramic ferrule/spring/crimp barrel assembly plus a crimp over sleeve and rubber boot. These connectors are suitable for 900µm and 2—3mm cables. The connector is precision made and manufactured to demanding specifications.

The combination of a ceramic ferrule and precision metal housing provides consistent long-term mechanical and optical performance.

Features

- Available in 2mm patch ,3mm patch and 900 µm
- Termination Procedures : Prep cable end, Epoxy-Crimp-Polish
- Standard packaging: 100pcs Bulk packed, Special packaging available by request
- Available in Black, Red, Yellow (2 & 3 mm Boot), Black, Blue, Yellow (900 mm Boot)

Technical Specification

Intermateability

Compliant with IEC 61754-2.

Optical Performance

Singlemode

Insertion loss: Max. 0.3 dB Typical 0.2 dB

Return loss: UPC > 50dB Typical 55 dB

Multimode

Insertion loss: Max. 0.3 dB Typical 0.12 dB

Mechanical

Capillary diameter tolerance:

SM—126 ± 0.5µm

MM—127 ± 0.5µm

Ferrule Diameter:2.5mm ± .001

Ceramic pre-radiused, PC-end finish for Physical Contact ferrule to ferrule. R 10 to 25mm

Temperature Cycling

(IEC 61300-2-48)

-40°C to +85°C , 42 cycles=0.2dB Change

Operating Temperature

-40°C to +85°C



Ordering Information

	Connector Type	Ferrule Type	Count	Boot OD	Housing Type or Color	Boot Color
1010	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	3 : ST/PC	0 : None	S : Simplex	09 : 0.9mm	1: Copper electroplating Nickel(Open)	B : Black
		S : SM		20 : 2.0mm	2: Zinc Alloy (Close)	L : Blue
		M : MM		30 : 3.0mm		

