

ST Connector/Adapter



Multimode ST Connector



Singlemode ST Connector



ST Adapter

The OPTiFab ST (Straight Tip) is a quick release, bayonet style connector. Its cylindrical design features a keyed ferrule for correct insertion purposes, and a metal spring to ensure a secure fit into the keyed ST screw-in adapter. A twist bayonet ensures a secure connection.

FEATURES

- PC, UPC and APC polishing options
- Simplex configuration
- Bayonet style spring
- Stainless construction
- 900µm, 2mm and 3mm diameter boot

CONNECTOR SPECIFICATIONS

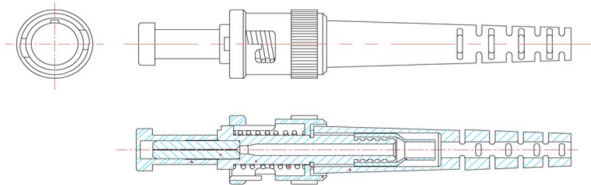
Temp. Cycling	-40 to +75°C, 40 cycles; ±0.2dB Change
High Temp.	70°C for 96 hours; < 0.4dB Change
Damp Heat	40°C at 93% RH, 96 hours; < 0.4dB Change
Vibration	10-55 Hz, 1.5mm P to P; < 0.2dB Change
Mating Durability	500 mating cycles; < 0.2dB Change
Operating Temp.	-40°C to +85°C

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
----------------	---------------------------



Ordering Information

MODE	
OM1	OM1
OM2	OM2
OM3	OM3
OM4	OM4
OS2	OS2
G657A1	7A
G657A2	7A2

CONSTRUCTION TYPE	
LOOSE TUBE	LT
TIGHT BUFFERED	TB
STEEL TAPE ARMoured	STA
BREAKOUT	BO
STEEL WIRE ARMOUR	SWA

NO. OF FIBRES	
1 Fibre	1
2 Fibre	2
4 Fibre	4
8 Fibre	8
12 Fibre	12
16 Fibre	16
24 Fibre	24
48 Fibre	48
96 Fibre	96
144 Fibre	144
288 Fibre	288

JACKET	
Low Smoke Zero Hallogen	LS
Poly Ethylene	PE

Sample Part Number

OM1

TB

24

LS

OM1TB24-LS

OM1 Loose Tube Cable 24 Fibres Low Smoke Hallogen

ESTIMATED CABLE WEIGHTS CHART KG/KM							
FIBRE COUNTS	TB	LT	STA	SWA	FLAT	DUPLEX	SIMPLEX
2	19	53	88	180	27	9	7.5
4	22	53	88	180	X	X	X
6	29	53	88	180	X	X	X
8	37	53	88	180	X	X	X
12	49	53	88	180	X	X	X
24	57	60	88	180	X	X	X