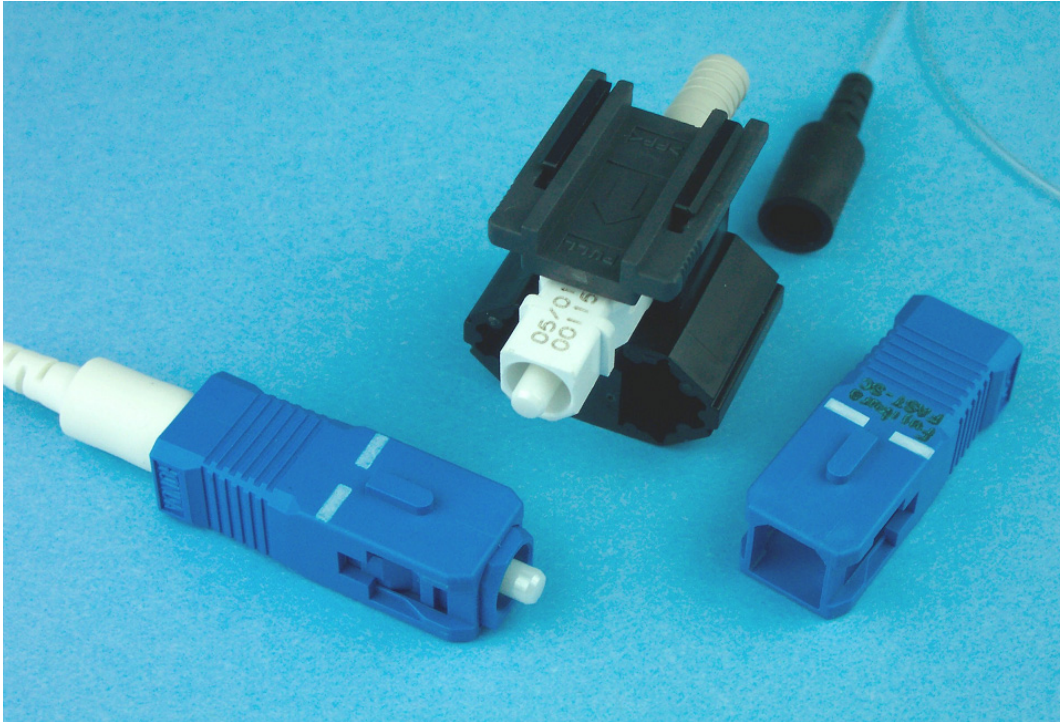


FAST SC/ST (Universal)

NEW
Product

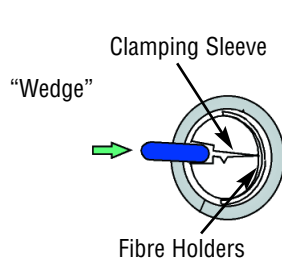
Field Assembly with Simple Technique



Fast SC/ST connector incorporates a new disposable wedge tool system, eliminating the need for expensive specialised tooling.

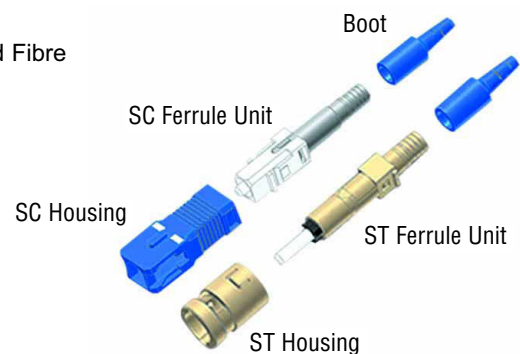
A Proven “Mechanical Splice” technique in each connector ensures reliable and quick connection wherever you are!

“Universal” the FAST SC/ST connectors, can now be terminated to both 0.25 & 0.9mm Diameter fibre.



Assemble in 5 easy steps

1. Prepare Fibre
2. Push wedges to insert Fibre
3. Fibre mates with pre-installed Fibre
4. Release wedges to clamp
5. Assemble connector



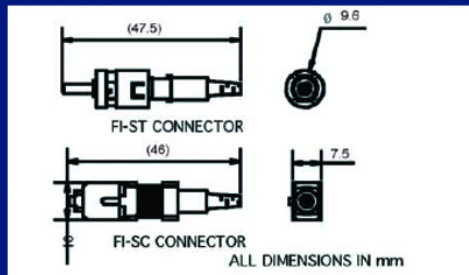
 **Fujikura**
EUROPE LTD

[e] fibre_optics@fujikura.co.uk [w] www.fujikura.co.uk

Product Specifications

Optical Characteristics

Nominal Wavelength (nm): SM 1310, 1550, MM 850
 Fibre Core Capacity: 1
 Fibre Cladding: 125
 Diameter (µm):
 Fibre Cord Type (mm): ø0.25, ø0.90
 Insertion Loss (dB): SM 0.9 Max
 GI 0.6 Max
 Return Loss (dB): SM 40 Min
 Ferrule End Face Criterion: SM SPC finish
 GI PC finish



Ordering Information

FASTSC - SM - U

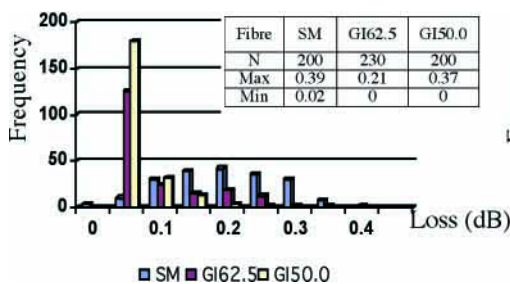
FastSC: Field Installable SC
FastST: Field Installable ST

SM: SM10/125
G5: GI 50/125
G6: GI 62.5/125

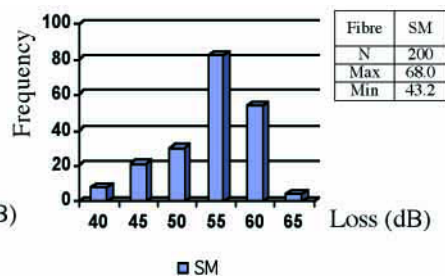
Product Performance Table

Description	Fibre	dB	Description	Fibre	dB
Mean Insertion Loss	SM	0.20	Insertion Loss Standard Deviation	SM	0.09
	GI62.5	0.03		GI62.5	0.06
	GI150.0	0.07		GI150.0	0.04
Mean Return Loss	SM	55	Return Loss Standard Deviation	SM	5.4

Various Fibre Insertion Loss Chart



SM Fibre Return Loss Chart



Mechanical Performance

Twist test, 13.5N load 180° each direction 10 Repetitions	4.4.3.2 ²	SM	<<<	0.10	Durability test 200 repetitions 4.4.3.7 ²	SM	<<<	0.12	
		GI62.5	<<<<	0.03		GI62.5	<<<<	0.06	
		GI150.0	<<<<	0.03		GI150.0	<<<<	0.05	
Pull test, 3N load 60sec	4.4.3.3 ²	SM	<<<<	0.09	Vibrate 3 axes 2hr/axis 1.5mm (peakpeak) 10~55Hz(45Hz/min)	4.4.3.8 ²	SM	<<<<	0.03
		GI62.5	<<<<<	0.04			GI62.5	<<<<	0.02
		GI150.0	<<<<<	0.02			GI150.0	<<<<	0.02
Impact test at 1.5m	4.4.3.6 ²	SM	<<<<<	0.05					
		GI62.5	<<<<<<	0.02					
		GI150.0	<<<<<<	0.03					

Environmental Performance

Thermal aging +85°C + 2°C 168 hours	4.4.2.1 ²	SM	<<<	0.09	Durability test 200 repetitions 4.4.2.5 ²	SM	<<	0.19
		GI62.5	<<<<	0.05		GI62.5	<<<<	0.06
		GI150.0	<<<<	0.06		GI150.0	<<<<	0.07
Humidity test 90~95% RH Temp 75°C for 168hrs	4.4.2.3 ²	SM	<<	0.10				
		GI62.5	<<<<	0.05				
		GI150.0	<<<<	0.06				

Disclaimer – Performance data given on this page shall not be used as basis for any form of accusations or claims made to the manufacturer. This data is meant to provide clients with a better understanding of the products' overall performance.

Tests and results are based on Telcordia GR-1081-CORE (reference given in GR-326-CORE), Generic requirements for Field-Mountable Optical Fibre Connectors. SPECIFICATIONS AND DESCRIPTIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.