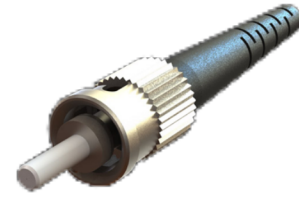


ST Connectors

Manufacturing a range of ST connectors suitable for various applications.

The ST connector has a quick release bayonet style body.

ST connectors are available in singlemode PC or APC and multimode PC. The connectors come with standard boots suitable for 900µm, 2mm and 3mm cable diameters.



Features

- Complies with IEC 61754-2 and TIA 604-2
- Low insertion loss and back reflection capability
- Bayonet style housing for easy connection
- Nickel plated metal body
- Zirconia ceramic ferrule available in several performance grades
- RoHS, REACH SvHC compliant
- Individual parts packed in bulk package

Applications

- Local area networks
- Data processing networks
- Distribution application
- Premises distribution

Specification

MECHANICAL PROPERTIES	CRITERIA	EFFECT	CONFORMANCE
Mating Durability	500 matings	<0.2 dB change	IEC 61300-2-2
Vibration	10-55Hz, 0.75 amplitude	<0.2 dB change	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	<0.2 dB change	IEC 61300-2-12
Cable Retention	Magnitude 90N	<0.2 dB change	IEC 61300-2-4
Cable Torsion	1.5kg - 2.5kg for 2mm-3mm cable diameter	<0.2 dB change	IEC 61300-2-5
Operating Temperature	-25°C to +70°C, 12 cycles	<0.2 dB change	IEC 61300-2-22
Cold	-25° for 96 hrs	<0.2 dB change	IEC 61300-2-17
Dry Heat	+70° for 96 hrs	<0.2 dB change	IEC 61300-2-18

ST Connector PC and APC - Singlemode

OPTICAL PERFORMANCE*	GRADE A	GRADE B	GRADE C	CONFORMANCE
IL MAX/Master (Acceptance)	0.10dB	0.15dB	0.25dB	IEC 61300-3-4
IL MAX/Random (97%)	0.20dB	0.30dB	0.40dB	IEC 61300-3-34
Ave/Master	0.08dB	0.12dB	0.18dB	IEC 61300-3-4
Ave/Random	0.08dB	0.12dB	0.18dB	IEC 61300-3-34
Return Loss	55/70dB	55/65dB	55/65dB	IEC 61300-3-6

ST Connector PC - Multimode

OPTICAL PERFORMANCE*	GRADE D	GRADE S	CONFORMANCE
IL MAX/Master (Acceptance)	0.15	0.30	IEC 61300-3-4
IL MAX/Random (97%)	0.25	0.40	IEC 61300-3-34
Ave/Master	0.08	0.15	IEC 61300-3-4
Ave/Random	0.10	0.20	IEC 61300-3-34

* Achievable with FibreFab process and specified optical fibre

Ordering Information

Singlemode		GRADE A	GRADE B	GRADE C
	900µm	STSM9-H	STSM9-P	STSM9
PC	Simplex 2mm	STSM2YEL-H	STSM2YEL-P	STSM2YEL
	3mm	STSM3YEL-H	STSM3YEL-P	STSM3YEL
Multimode		PREMIUM	STANDARD	
	900µm	STMM9-P	STMM9	
PC	2mm (Black)	STMM2BLK-P	STMM2BLK	
	Simplex 2mm (Red)	STMM2RED-P	STMM2RED	
	3mm (Black)	STMM3BLK-P	STMM3BLK	
	3mm (Red)	STMM3RED-P	STMM3RED	