

ST CONNECTORS - ST Singlemode PC

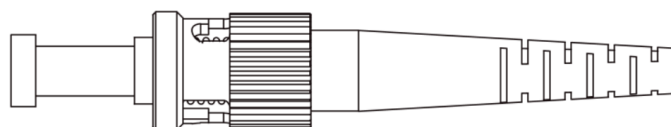
The ST connector has a bayonet-style housing and a spring-loaded 2.5mm outer diameter ferrule. ST connectors are commonly used in networking applications. ST connectors are available in singlemode PC and multimode PC. Although one of the older generation of fibre optic connectors, the ST connector is still commonly found in local area networking applications in buildings and campuses. They are also often found in field deployable, video and broadcast networks. The connectors come with standard boots suitable for 900µm, 2mm and 3mm cable diameters. The ST connector is available in standard colours yellow (singlemode-PC) and red and black (multimode).

APPLICATIONS

- Local area networks
- Premises distribution
- Active device and test equipment
- Field deployable, video and broadcast

FEATURES

- Low insertion loss and back reflection
- Bayonet style housing
- A 2.5mm outer diameter zirconia ceramic ferrule with high end finish
- RoHS, REACH SvHC compliant
- Designed to conform to or exceed all relevant ISO/IEC and TIA/EIA standards
- APC variants also available



MECHANICAL PROPERTIES	CRITERIA	EFFECT
Mechanical endurance	500 matings	<0.2 db change
Vibration	10-55Hz, 0.75 amplitude	<0.2 db change
Drop	Drop height 1M, 5 drops	<0.2 db change
Cable Retention	Magnitude 90 N	<0.2 db change
Cable Torsion	1.5kg - 2.5kg for 2mm-3mm cable diameter	<0.2 db change
Operating temperature (°C)	-25 to +70, 12 cycles	<0.2 db change
Cold (°C)	-25 for 96 hrs	<0.2 db change
Dry Heat (°C)	+70 for 96 hrs	<0.2 db change

PERFORMANCE	MULTIMODE	SINGLEMODE - PC
Insertion loss (typ) (db)	0.30	0.25
Insertion loss (97%) (db)	0.40	0.40