SC CONNECTORS - SC Singlemode Simplex PC

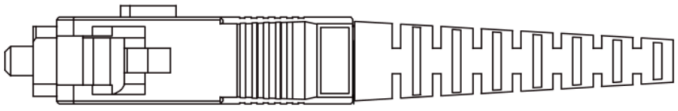
The SC connector known for its locking mechanism which gives an audible click when inserted or removed. A push-pull design prevents variation in performance through rotational misalignment. With a high end finish as standard, giving reduced back reflection and superior insertion loss performance, SC connectors are available in singlemode for both PC and APC and in multimode variants. The connectors come with standard boots suitable for 900µm, 2mm and 3mm cable diameters. The SC connector is available in simplex and duplex options. The SC connector is available in standard colours including blue (singlemode-PC), green (singlemode-APC) and beige (multimode).

APPLICATIONS

- Data centres, premise installations, telecommunication and CATV networks
- Active device and test equipment
- Ethernet, LAN, and WAN

FEATURES

- A push-pull coupling mechanism for easy insertion and stable results
- A 2.5mm outer diameter zirconia ceramic ferrule with high end finish
- Low insertion loss and back reflection
- RoHS, REACH SvHC compliant
- Designed to conform to or exceed all relevant ISO/IEC and TIA/EIA standards
- Premium performance connectors, alternative ferrule outer and inner diameter sizes, ferrule finishes and boot variations 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	SINGLEMODE - APC
Insertion loss (typ) (db)	0.30	0.25	0.25
Insertion loss (97%) (db)	0.40	0.40	0.40