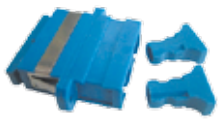


Adapters



SC Singlemode Duplex Adapter



SC/APC Singlemode Simplex Adapter



FC Singlemode Simplex Adapter



SC-ST Multimode Duplex Adapter



MTP™/MPO Adapter



LC Singlemode Duplex Adapter



E2000 Multimode Simplex Adapter



SC Multimode Simplex Adapter



LC Singlemode Quad Adapter



MT-RJ Adapter

An optical fiber adapter or uniter is used to mate two connectors together, usually mounted in a distribution panel or wall box.

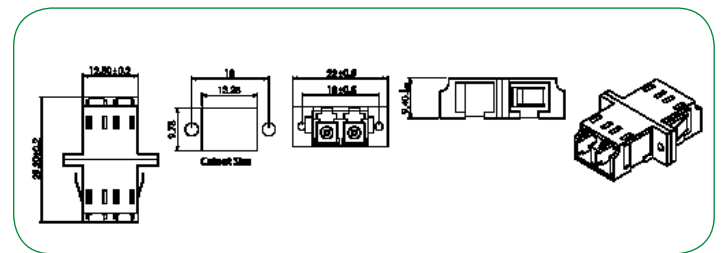
Our optical fiber adapters are precision made to ensure the perfect alignment of connectors, reducing insertion loss. In most cases the sleeve is the critical part of the system that aligns the ferrule parts of the connectors, keeping the fibers in perfect alignment.

Generally there are 2 types of alignment sleeve within an adapter, phosphor bronze for multimode or zirconia (ceramic) for singlemode.

In the case of the MT-RJ and MTP™/MPO the alignment is carried out by two guide pins fitted to one of the connectors. The adapter is purely to support and lock the connectors together in the distribution panel or wall box.

	CERAMIC	PHOSPHOR BRONZE	CONFORMANCE
Insertion Loss (Typ)	0.1 dB	0.15 dB	IEC 61300-3-4
Mating Durability		500	IEC 61300-2-2
Receptacle Retention force		1N - 2.5N	IEC 61754-20
Operating temperature		-25 to +70, 12 cycles	IEC 61300-2-22

Drawing



Features/Benefits

- ▶ Complies with IEC 61754-25
- ▶ Available as FC, SC, ST, LC, MT-RJ and MTP™/MPO
- ▶ Available in simplex, duplex, quad (LC) and hybrid versions
- ▶ High precision zirconia or standard phosphor bronze sleeves
- ▶ Low insertion loss
- ▶ High repeatability and stability
- ▶ RoHS, REACH compliant