

Fibre Optic Adapters

Fibre optic adaptors are used either within fibre patch panels and other termination units, or externally to interconnect pre terminated fibre optic cables. The adapter or uniter precisely aligns the ferules for both cables to maintain communication path.

The alignment sleeve in a Single-Mode adapter is more precise, this can be used for both Single and Multi-Mode applications. The bronze alignment sleeve in a Multi-Mode adapter is only suitable for Multi-Mode cables.

<p>APPLICATIONS</p> <ul style="list-style-type: none"> • Patch Panels • Wall Boxes • Direct Attachment between terminated cables
<p>FEATURES</p> <ul style="list-style-type: none"> • Available in a variety of mounting configurations • Precise alignment of ferules • Single-Mode options are backwards compatible with Multi-Mode cables • Lifetime Warranty
<p>BENEFITS</p> <ul style="list-style-type: none"> • Quick and simple to install • Low insertion loss <0.20dB • Can easily convert one fibre connector type to another
<p>OPTIONS</p> <ul style="list-style-type: none"> • Connectors options – ST, SC, LC, FC, MTRJ and E2000 • Phosphor bronze (MM) or ceramic alignment sleeve (SM) for higher precision ensuring low insertion and return loss • Ultra (UPC) and Angled (APC) options on request

SPECIFICATIONS

Insertion loss: <0.2dB
 Insert and pull test (1,000 times): <0.2dB
 Operating Temperature Range: -40°C+ 85°C

HYBRID ADAPTERS

Hybrid adapters connect two different types of connector together. There are many types available, each with numerous options; we would therefore recommend contacting us directly for advice on compatibility and availability.



Fibre Adapter Types

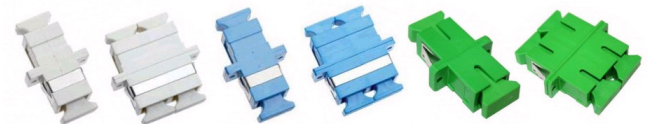
ST-ST

ST in-line adapters are available in either Multi-Mode or Single-Mode. These come with a D-Hole profile and retaining nut. Duplex and panel mountable options are available on request.



SC-SC

SC adapters are available in both Simplex and Duplex, for Single-Mode and Multi-Mode cables.



LC-LC

A standard LC adapter is a polymer body through-coupler with an SC footprint. This means they can be installed into an SC patch panel or wall box and because an LC connection uses approximately half the space of an SC connection they provide double the fibre density that an SC would provide.



FC-FC

These adapters are used to couple cables with the keyed and threaded FC type connector. These are available with D-hole profile or square flange.



MTRJ-MTRJ

The MTRJ Adapter couples both Single and Multi-mode MTRJ cables and have an SC footprint.

