



Brand-Rex Optical Components - Connectors /Adaptors

SC Optical Connectors



SC Simplex Connector:

SC multimode and single mode connector kits comprise of a one piece SC body with precision ceramic ferrule, crimp, sleeve, colour coded outer shroud, 2 x colour coded 3mm strain relief boots and a 0.9mm boot.

Compliant with BS EN 61754-4

Typical Insertion Loss: MM - 0.2dB, SM - 0.15dB
 Minimum Return Loss: SM 45dB



SC Simplex Adaptor:

SC Adaptors comprise of a polymer outer body and inner assembly fitted with a precision alignment sleeve. Multimode with metal sleeve. Single mode with Ceramic Sleeve.

Compliant with IEC 60874-15

Max. Insertion Loss: MM - 0.3dB, SM - 0.1dB



SC Duplex Connector:

SC Duplex connector kits comprise of 2 simplex connectors mounted in a two piece polymer clip and 2 x colour coded 3mm strain relief boots.

Compliant with BS EN 61754-4

Typical Insertion Loss: MM - 0.2dB, SM - 0.15dB
 Minimum Return Loss: SM 45dB



SC Duplex Adaptor:

SC Duplex adaptors comprise of a polymer outer body and an inner assembly fitted with a precision alignment sleeve. Multimode with metal sleeve. Single mode with Ceramic Sleeve.

Compliant with IEC 60875-14

Max. Insertion Loss: MM - 0.3dB, SM - 0.1dB

Product Part Numbering

	Connector	Adaptor
SC - MultiMode (Beige)	FOCSCEPMM001	BHCSCMM001
SC - Single Mode (Blue)	FOCSCEPSM001	BHCSCSM001
SC Duplex - Multi Mode (Beige)	FOCDCEPMM001	BHCDCMM001
SC Duplex - Single Mode (Blue)	FOCDCEPSM001	BHCDCSM001



Brand-Rex Optical Components - Connectors /Adaptors

ST, FC Optical Connectors



ST Connector:

ST connector kits comprise of a nickel plated zinc coupling body with a precision ceramic ferrule, crimp sleeve, 2 x colour coded 3mm strain reliefs and a 0.9mm boot.

Compliant with BS EN 61754-2

Strain Relief Colour Code: MM - Red, Black
SM - Yellow, Black

Typical Insertion Loss: MM - 0.2dB, SM - 0.15dB

Minimum Return Loss: SM 45dB



ST Adaptor:

ST adaptors comprise of a nickel plated zinc die cast body with a precision alignment sleeve. They are both standard and double 'D' hole compatible. Multimode with metal sleeve. Single mode with ceramic sleeve.

Compliant with BE EN 61754-2

Max. Insertion Loss: MM - 0.3dB, SM - 0.1dB



FC-PC Connector:

FC-PC single mode connector kits comprise of a nickel plated brass body with a precision ceramic ferrule, stepped crimp sleeve, 2 x colour coded strain relief boots and a 0.9mm boot.

Compliant with BS EN 61754-13

Strain Relief Colour Code: SM - Yellow, Black

Typical Insertion Loss: SM - 0.15dB

Minimum Return Loss: SM 45dB



FC Adaptor:

FC adaptors comprise of a nickel plated brass body that is fitted with a precision alignment sleeve. They are standard single and double 'D' hole compatible.

Compliant with BS EN 61754-13

Max. Insertion Loss: SM - 0.1dB

Product Part Numbering

	Connector	Adaptor
ST - Multi Mode	FOCSTEPMM001	BHCSTMM001
ST Single Mode	FOCSTEPSM001	BHCSTSM001
FC-PC Single Mode	FOCFCEPSM001	BHCFCSM001



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ST, FC Optical Connectors

PRODUCT DESCRIPTION

The range of Brand-Rex SFF (Small Form Factor) connectivity solutions are reliable and robust, quality products. SFF connectors are duplex fibre connectors which have a footprint similar to RJ-45's, offering the system integrator / installer an improved patching density, saving valuable rack space. The products can be used at the panel or in the work area supporting both backbone fibre and fibre to the desk solutions. Brand-Rex offers a choice of leading, de-facto, SFF connectors, the MT-RJ and the LC.



MT-RJ Duplex Adaptor:

MT-RJ adaptors have a polymer outer body which has the outer dimensions of a simplex SC sized adaptor.

Compliant with BS EN 61754-18



LC Connector:

LC multimode and single mode connector kits comprise of a precision ferrule, crimp sleeve, colour coded outer shroud, 2 x colour coded 2.0mm strain reliefs (.001) or a 0.9mm (.002) boot.

Compliant with BS EN 61754-20

Typical Insertion Loss: MM - <0.2dB, SM - <0.15dB

Minimum Return Loss: MM 20dB, SM 45dB

Available as either simplex or duplex variants.



LC Duplex Adaptor:

LC adaptors (BHCLXM001) comprise of a polymer body with a precision alignment sleeves. They have the outer dimensions of a simplex SC style adaptor.

Compliant with BS EN 61754-20



LC Quad Adaptor:

LC adaptors (BHCL4XM001) comprise of a polymer body with precision alignment sleeves. They have the outer dimensions of a duplex SC style adaptor.

Compliant with BS EN 61754-20

Product Part Numbering

	Connector	Adaptor
LC Multi Mode (Duplex) (Beige)	FOCLCEPMM001	BHCLCMM001
LC Single Mode (Duplex) (Blue)	FOCLCEPSM001	BHCLCSM001
LC Multi Mode (Simplex) (Beige)	FOCLSEPM001	-
LC Single Mode (Simplex) (Blue)	FOCLSEPSM001	-
LC Multi Mode (Simplex Pigtail) (Beige)	FOCLSEPM002	-
LC Single Mode (Simplex Pigtail) (Blue)	FOCLSEPSM002	-
LC Multi Mode (Quad) Beige	-	BHCL4MM001
LC Single Mode (Quad) (Blue)	-	BHCL4SM001
MT RJ adaptor	-	BHCMJXX001