



FDDI INTERCONNECTION SYSTEM



Taking advantage of the first network standard, designed from start to finish for fibre optics, the AMP Fixed Shroud Duplex (FSD) System offers the components necessary for a high performance FDDI local area network. The FSD connector, based on proven 2.5mm ceramic ferrule technology, is a two channel snap-fit connector that combines low loss, typically 0.2dB, with positive side latch mating, polarisation, easy to use keying and bend limiting strain relief.

A rigid protective shroud guards the connector's floating ferrules against damage from mishandling or mismatching. The connector can be chosen to accept either flat 'zip-cord', or round duplex cable.

Assembly of the connector is quite straightforward using the AMP polishing fixture. Both optical fibres are polished at the same time in one jig.

FDDI Bulkhead Adaptors

Plastic, threaded insert M3, connects FSD plug to two ST connectors. Picture shows Field Keyable version which carries three colour coded keys in the dust-cap for user choice according to application. Fixed key versions are also available.

Connector (with 4 keys)

Order Code	Description
5502015-3	FDDI connector for 3mm zip cord cable
501780-1	FDDI connector for 4.8mm round cable
501783-1	Strain relief boot for 4.8mm round cable
501779-1	Replacement ferrule assembly

Bulkhead Adaptors

Order Code	Keying
502808-2	Field Keyable
501933-1	Keyed A
501933-2	Keyed B
501933-3	Keyed M
501933-4	Keyed S

Tooling

Order Code	Description
501795-1	Duplex assembly kit with polishing bush
502023-1	Duplex assembly kit without polishing bush
58519-1	Pro-Crimper hand tool for FSD connectors

Duplex to Duplex Couplings

Order Code	Keying	Type
501931-1	Keyed A to B	M3 threaded insert with mounting ears
501931-2	Keyed M to S	M3 threaded insert without mounting ears
501805-1	Keyed A to B	M3 threaded insert without mounting ears
501805-2	Keyed M to S	M3 threaded insert without mounting ears

