

## Fiber Optic Connectors and Adapters



### Description

HCS DataLight components series provides a full range of high quality connectors and adapters, supporting all state-of-the-art connectors types, including ST, SC (Simplex and Duplex) LC, FC, MT-RJ and HCS FastLight™. Other types, such as SMA, FDDI, and VF-45 can be also supplied upon demand.

HCS DataLight connectors and adapters are compatible with all fiber types including Singlemode 9/125 microns, Multimode 50/125 microns (OM2, OM3 and OM4) and Multimode 62.5/125 microns fibers.

HCS DataLight components comply with both major industry standards, ANSI/TIA/568-C.3 (Optical Fiber Cabling Components Standard) and IEC 60874 (Connectors for optical fibers and cables) providing a full range of connectors and adapters, offering a user-friendly solution in the vertical and horizontal environment.

HCS DataLight components are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HCS cabling system.

### Applications

- Patch panels
- Patch cords
- Desktop outlets
- Distribution frames
- Direct termination to cables

### Qualifications & Approvals

HCS DataLight components are supported by the Century™ Lifetime Warranty and by the DoubleSafe™ QA program as a part of complete HCS cabling system and comply to ANSI/TIA/568-C.3 (Optical Fiber Cabling Components Standard) and IEC 60874 (Connectors for optical fibers and cables).

### Benefits & Features

- ✓ Full compliance to industry standards - providing high quality components.
- ✓ Full compliance to all major fiber types - providing a reliable and low-loss fiber termination
- ✓ Exceptional material properties and design - providing a unique Century™ Lifetime Warranty.
- ✓ Optional plastic front panels - providing custom color selection.
- ✓ Detailed installation manual in English and Turkish - providing clear and comprehensive instructions.
- ✓ Robust and installer-friendly design - providing reduced installation and operating costs
- ✓ Unique DoubleSafe™ Quality Assurance Program - providing lowest rejection rate available.

### Technical Specifications - Connectors

Connector Style & Fiber Type	Insertion Loss dB	Operating Temp. C	Storage Temp. C	Reflection Field Mount dB	Ferrule Material	Housing Material	Boot Material	Durability dB
ST Epoxy MM	0.3	-40+80	-40+85	25	Zirconia	Nickel Plate	Polyester	0.2
ST Epoxy SM	0.3	-40+80	-40+85	50	Zirconia	Nickel Plate	Polyester	0.2
SC Epoxy MM	0.2	-40+85	-40+85	25	Ceramic	Thermoplastic	Polyester	0.2
SC Epoxy SM	0.3	-40+85	-40+85	50	Ceramic	Thermoplastic	Polyester	0.2
SC/APC Epoxy SM	0.3	-40+85	-40+85	65	Ceramic	Thermoplastic	Polyester	0.2
FC Epoxy MM	0.2	-40+85	-40+85	25	Ceramic	Thermoplastic	Polyester	0.2
FC Epoxy SM	0.3	-40+85	-40+85	50	Ceramic	Thermoplastic	Polyester	0.2
FC/APC Epoxy SM	0.3	-40+85	-40+85	65	Ceramic	Thermoplastic	Polyester	0.2
MT-RJ MM	0.2	-40+85	-40+85	20	Thermoplastic	Thermoplastic	Elastomer	0.2
MT-RJ SM	0.3	-40+85	-40+85	50	Thermoplastic	Thermoplastic	Elastomer	0.2
LC MM	0.2	-40+85	-40+85	20	Ceramic	Thermoplastic	Elastomer	0.2
LC SM	0.3	-40+85	-40+85	50	Ceramic	Thermoplastic	Elastomer	0.2
MPO MM	0.5	-40+85	-40+85	50	MT	Thermoplastic	Elastomer	0.2
MPO SM	0.35	-40+85	-40+85	50	MT	Thermoplastic	Elastomer	0.2