



## PRODUCT DESCRIPTION

- Hyperline offers an assortment of fiber optic adapters for all popular connector types: SC, LC, ST, and FC. Adapters are available in both Singlemode and Multimode variations for complete compatibility with your new or existing infrastructure. Additional types of adapters are available upon request and are special order. Both sides of the Hyperline Fiber optic adapter are aligned precisely with a special ceramic/metal sleeve to ensure exact physical contact between connected fibers. Hyperline fiber optic adapters are available in Simplex (single fiber) and Duplex (dual fiber pairs). All fiber adapters are equipped with a re-usable dust cap

## SPECIFICATIONS

- Structure: Satisfied Telcordia GR-326-CORE
- Insertion Loss:  $\leq 0.2\text{dB}$  (against master connector)
- Mating durability:  $\leq 0.2\text{dB}$  (500 times)
- Operating temp Stability:  $\leq 0.3\text{dB}$  ( -40 C + 85 C)

## APPLICATIONS

- Switching equipment and fiber optic segments
- Testing of optical networks
- Data Center applications
- Network FTTH (fiber to the home)

## FEATURES & BENEFITS

- Precision alignment of connectors via specialized ceramic or metal sleeve
- Various types of connections and fiber protective shutter commissioned
- All products are 100% tested at the factory

## COMPLIANCE

- EC 61754, IEC 60874, TIA / EIA-604-5, TIA / EIA-492AAAC (D)
- Dimensions and optical characteristics: Telcordia GR-326-CORE



## SPECIFICATIONS

Part Number		FAD-SC-SC-UPC-SM	FAD-SC-SC-PC-MM	FAD-SC-SC-APC-SM
Mating connectors		SC-SC	SC-SC	SC-SC
Fiber type and finishing		MM (UPC)	MM (PC)	MM (APC)
The number of connected pole		1 (simplex)	1 (simplex)	1 (simplex)
The mechanism of connection of the connectors		Locking latches	Locking latches	Locking latches
Method of attachment of the adapter body		Flanged / latch / screws	Flanged / latch / screws	Flanged / latch / screws
Materials	Housing	Polybutylene	Polybutylene	Polybutylene
	Centering sleeve	Ceramics	Ceramics	Ceramics
	Dust cap	Low density polyethylene	Low density polyethylene	Low density polyethylene

## PERFORMANCE

Material Centering Sleeve	Ceramics
For SC adapters, LC, ST, and FC	Max. 0.20 dB (Typical $\leq$ 0.1dB)
Insertion loss	
Holding force sleeve / ferrule	2-6 H (200-600 gf)
Relative humidity	$\leq$ 95% (non-condensing)
Operating temperature	-40 ° C - + 75 ° C
Resource connection	$\geq$ 500 cycles (with insertion loss $<$ 0.1 dB)

## IMAGES



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## ORDERING

Part Number	Product Description
FAD-SC-SC-UPC-SM	SC adapter Single mode UPC type Simplex
FAD-SC-SC-APC-SM	SC adapter Single mode APC type Simplex
FAD-SC-SC-UPC-OM2	SC adapter Multi mode UPC type Simplex OM2
FAD-SC-SC-UPC-OM3	SC adapter Multi mode UPC type Simplex OM3
FAD-SC-SC-UPC-OM4	SC adapter Multi mode UPC type Simplex OM4



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