



STRUCTURED CABLING SYSTEMS



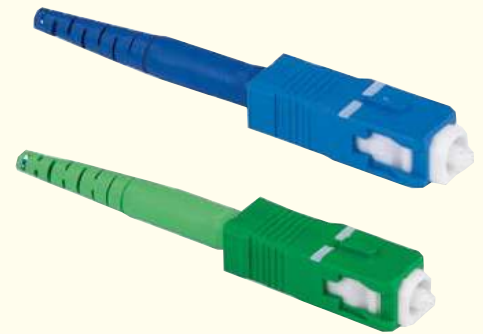
DIGISOL Connectors SC Type

Introduction:-

DIGISOL Range of SC Connectors are specifically designed in telecommunication for high density applications. These connectors are made of plastic housing with excellent diameter tolerance which can be used either with standard anaerobic adhesives or heat curing epoxy for the assembly at fields by connecting at the ends of the optical fiber patch cable to enable quick connection and disconnection. Has low Insertion loss and Return loss for better performance.

Key Features:-

- Push on and Pull off mating mechanism
- Ease in assembly and installation at fields
- Low insertion loss and Return loss
- Better reliability and durability
- Available in Single mode and Multimode versions
- Suitable for 2.0mm and 0.9mm diameter patch cables.



Specifications:-

Insertion loss	: ≤ 0.3 dB (SM)
Return Loss	: ≥ 50 dB (SM)(UPC), ≥ 60 dB (SM)(APC)
Compatible Optical Fibre	: 9/125µm,
Ferrule withdrawal force	: 2.0N to 5.9N
Connector Cable Retention	: 50 N (11.24 lbs) (for 2.0mm cable) 3 N (0.67 lbs) (for 0.9mm cable)
Durability (1000 Matings)	: ≤ 0.2 dB
Main body material	: Plastic (Polybutylene terephthalate) (SC Type)
Ferrule material	: Zirconia sleeve (SM)
Connector types	: PC/UPC (SM) or APC (SM)
Connector colours	: PC/UPC Type (Blue, SM) APC Type (Green SM)

Applications:-

- Telecommunications networks
- Computer networks
- Data communications
- Optical equipments
- CATV networks
- FTTH

Environmental Specifications:-

Storage Temperature	: -20 °C to +70° C
Installation Temperature	: -20 °C to +70° C
Operating Temperature	: -20 °C to +70° C

Standards:-

- Comply as per ANSI/TIA 568-C.3
- Comply as per ISO/IEC 11801
- RoHS Compliant: Directive 2002/95/EC

Ordering Information:-

Part Codes	Description
DGF-CFSSSC-A	DIGISOL FIBER FIELD CONNECTOR, SM, SC, APC TYPE
DGF-CFSSSC-P	DIGISOL FIBER FIELD CONNECTOR, SM, SC, PC TYPE

DIGISOL is a Subsidiary of Smartlink Holdings Limited

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