

Single-Mode SC/UPC Field-Installable Fast Connector, 10-Pack

Fiber Optics / Fast Connectors & Splices

SC/UPC single-mode fast connector for FTTH, blue, for flat drop cable of 2.0 × 3.0 mm. Pack of 10 pieces of the same type.



**CONECTOR RÁPIDO
MONOMODO SC/UPC**
 Drop plano 2,0 × 3,0 mm • 10 piezas

KG-FO-FIC-SM-SCU-10

Type

Pre-polished mechanical optical fiber fast connector

Fiber mode

Single-mode

Interface

SC/UPC

Key features

- SC/UPC single-mode fast connection for FTTH/FTTx installations.
- Ceramic ferrule and V-groove alignment.
- Rear fastening for flat drop cable of 2.0 × 3.0 mm.
- Glass fiber of 125 µm and coating of 250 µm.
- Stated average insertion loss ≤0.25 dB
- UPC return loss ≥50 dB.
- Reusable design and mechanical assembly.
- Bag of 10 connectors of the same type.

Technical specifications

Parameter	Specification
Type	Pre-polished mechanical optical fiber fast connector
Fiber mode	Single-mode
Interface	SC/UPC

Technical specifications

Parameter	Specification
Identification color	Blue
Application	FTTH / FTTx
Compatible cable	Flat drop cable of 2.0 × 3.0 mm
Glass fiber diameter	0.125 mm (125 µm)
Coating diameter	0.250 mm (250 µm)
Ferrule	Ceramic
Alignment	V-groove
Fastening	Rear cable fastening mechanism
Reuse	Reusable; cycle count not specified
Average insertion loss	≤0.25 dB
Stated insertion loss	30 N
Reference length	61 mm
Reference width	10 mm
Stated operating time	10 s; depends on fiber preparation
Operating temperature	-40 to +85 °C
Thermal cycling test	Insertion loss variation ≤0.3 dB
Heat and humidity test	Insertion loss variation ≤0.3 dB
Drop test	Insertion loss variation ≤0.3 dB
Preparation according to diagram	24 mm coated section and 10 mm bare fiber
stated diameters	0.25 / 0.125 mm
Sales unit	10 pieces of the same SKU per bag
Reference data	Values stated in the supplied datasheet; no test standards specified
Warranty	5 years

Applications

Single-mode distribution in ODFs

Termination of OS2 fibers in distribution frames and panels with SC/UPC adapters.

Interconnection with SC/UPC equipment

Connection of converters, transmission equipment and optical devices with compatible physical interfaces.

CCTV transmission over fiber

Field terminations for single-mode links carrying IP video, data and control signals.

Point-to-point enterprise networks

Restoration or expansion of links between buildings, technical rooms and remote cabinets.

Field preparation and validation

Strip, clean and precision-cleave the fiber; inspect the end face and measure loss before releasing the service.

Packaging & contents

Bag with 10 SC/UPC single-mode connectors, all of the same type. Images showing APC and UPC compare variants; the package is not mixed.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant