



PRODUCT DATASHEET

Fibre Optic Assemblies & Components

Fibre Optic Adapters SC/UPC

Simplex

Duplex

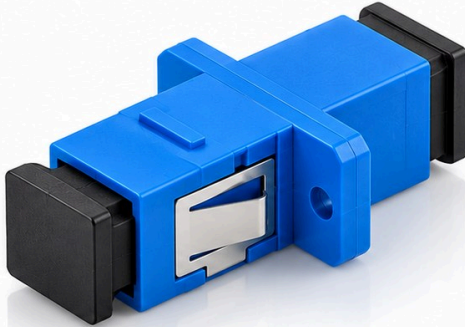
SC/UPC

Blue

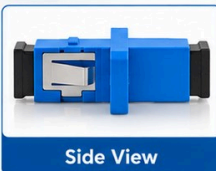
Zirconia Sleeve

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Fibre Optic Adapter SC/UPC Simplex (Blue)



Front View

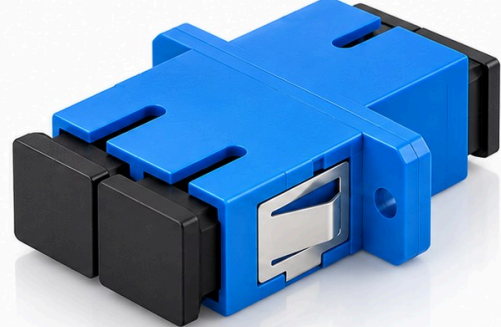
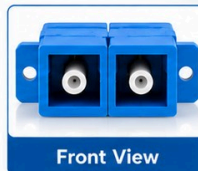


Side View



Back View

Fibre Optic Adapter SC/UPC Duplex (Blue)



Front View



Side View



Back View

SIMPLEX (LEFT) · DUPLEX (RIGHT) · BLUE = SINGLEMODE UPC · WITH DUST CAPS

ISHCO SC/UPC fibre adapters (couplers) join two SC connectors with precise alignment using a **zirconia ceramic split sleeve**. Available in **simplex** and **duplex**, blue colour for singlemode UPC.

The flange-mount body with metal retaining clip fits standard SC cut-outs in patch panels, ODFs, terminal boxes and wall outlets. Dust caps are fitted on both sides.

SC

UPC

Simplex

Duplex

Zirconia

Flange

Features & Benefits

01

- ✓ SC/UPC singlemode adapter, blue housing per TIA-568 colour code
- ✓ Simplex and duplex versions (duplex accepts two SC or one SC duplex)
- ✓ Flame-retardant plastic body, UL94 V-0
- ✓ ≥ 1000 mating cycles
- ✓ Other colours (green APC, beige MM) and types (LC, FC, ST) available
- ✓ Zirconia ceramic split sleeve – insertion loss ≤ 0.1 dB
- ✓ Flange mounting with metal spring clip – snap-in or screw fixing
- ✓ Dust caps on both ports
- ✓ Also compatible with SC/PC connectors
- ✓ RoHS compliant



WEBSITE

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LOCATION

Erbil, Sultan Muthafar

SCAN TO VISIT





Technical Specifications

02

Parameter	Specification
Type	SC/UPC adapter, simplex · duplex
Sleeve	Zirconia ceramic split sleeve
Insertion loss	≤ 0.1 dB (typ. 0.05 dB)
Return loss	≥ 50 dB (with UPC connectors)
Fibre	Singlemode (also multimode)
Housing	Plastic, UL94 V-0, blue
Mounting	Flange, metal clip, SC cut-out 9.6 × 9.6 mm (simplex)
Dimensions	Simplex 31.5 × 9.6 × 12.4 mm · Duplex 31.5 × 22 × 12.4 mm
Durability	≥ 1000 mating cycles
Operating temperature	−40 °C to +85 °C

Ordering Information

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Part No.	Description	Type	Colour
ISH-AD-SC-UPC-SX	SC/UPC fibre adapter, zirconia sleeve, flange	Simplex	Blue
ISH-AD-SC-UPC-DX	SC/UPC fibre adapter, zirconia sleeve, flange	Duplex	Blue
ISH-AD-SC-APC-SX	SC/APC fibre adapter, zirconia sleeve, flange	Simplex	Green

● APPLICATIONS

- Patch panels and ODFs
- FTTH terminal and splitter boxes
- Wall outlets and faceplates
- Media converters and test equipment

● STANDARDS & COMPLIANCE

- IEC 61754-4 (SC interface)
- IEC 61300-3-34
- Telcordia GR-1081-CORE
- UL94 V-0 · RoHS

● PACKAGE CONTENTS

- Adapters in bags of 10 / 50 / 100
- Dust caps fitted
- Metal clips included

Note: Specifications are typical values and may be improved without notice. For custom lengths, colours, quantities or OEM requirements please contact the iSHCO team using the details below.



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