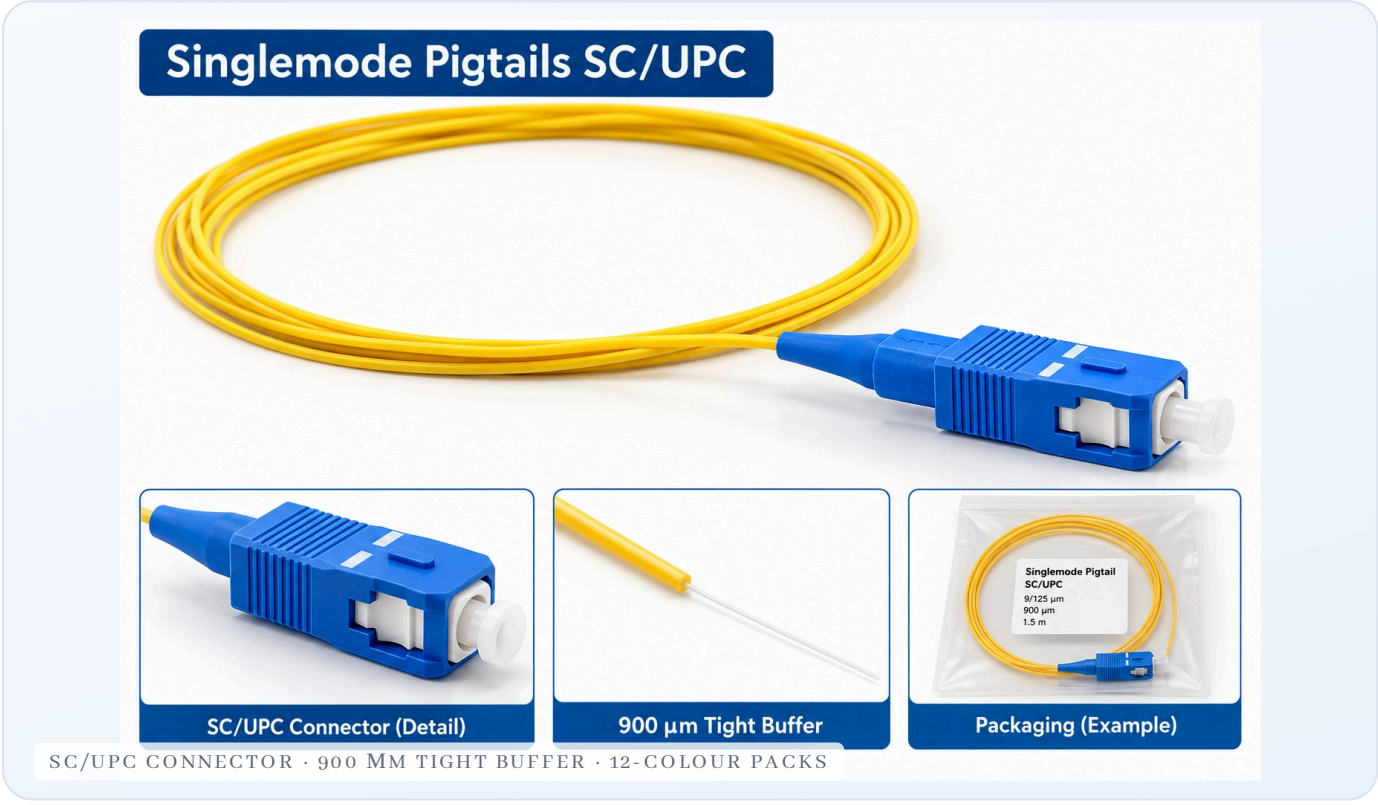
PRODUCT DATASHEET

Fibre Optic Assemblies & Components

Singlemode Pigtails SC/UPC

SC/UPC | 9/125 | 0.9 mm | 1 m | 12 pcs



SC/UPC CONNECTOR · 900 MM TIGHT BUFFER · 12-COLOUR PACKS

iSHCO SC/UPC singlemode pigtails are factory-terminated **9/125 µm OS2** fibres with a 900 µm tight buffer, supplied in packs of **12 colour-coded pieces** for splicing into patch panels, ODFs and terminal boxes.

Each pigtail has a pre-polished UPC ceramic ferrule that is 100% tested for insertion and return loss, giving low-loss, repeatable connections in FTTx and LAN fibre installations.

SC | UPC | OS2 | G.652.D | 900 µm | 12 Colours

Features & Benefits

01

- Singlemode G.652.D (OS2) 9/125 µm fibre, also G.657.A1 on request
- Insertion loss ≤ 0.2 dB, return loss ≥ 50 dB (UPC)
- 12-piece packs in TIA-598 colour sequence for fibre identification
- End-face geometry to Telcordia GR-326-CORE
- Custom lengths (1.5 m, 2 m, 3 m) and other connectors (LC, FC, ST, E2000, APC) on request
- SC/UPC connector, 2.5 mm zirconia ceramic ferrule
- 900 µm tight-buffered fibre, easy to strip and splice
- Pre-polished, 100% interferometer and IL/RL tested
- Low-smoke zero-halogen (LSZH) buffer material
- RoHS compliant

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LOCATION
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SCAN TO VISIT

Singlemode Pigtails SC/UPC

FIBRE OPTIC ASSEMBLIES & COMPONENTS

Specifications | Ordering Guide

Technical Specifications

02

Parameter	Specification
Fibre type	Singlemode 9/125 µm, OS2, G.652.D
Connector	SC/UPC, zirconia ferrule 2.5 mm
Buffer	900 µm tight buffer, LSZH
Length	1 m (others on request)
Insertion loss	≤ 0.2 dB (typ. 0.1 dB)
Return loss	≥ 50 dB
Polish	UPC
Attenuation @ 1310 / 1550 nm	≤ 0.36 / 0.22 dB/km
Durability	≥ 500 mating cycles
Operating temperature	−40 °C to +75 °C
Colours	12 (blue, orange, green, brown, slate, white, red, black, yellow, violet, rose, aqua)
Packing	12 pcs / pack

Ordering Information

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Part No.	Description	Length	Pack
ISH-PT-SC-UPC-1M-12	SC/UPC singlemode pigtail, 0.9 mm, 12 colours	1 m	12 pcs
ISH-PT-SC-UPC-1.5M-12	SC/UPC singlemode pigtail, 0.9 mm, 12 colours	1.5 m	12 pcs
ISH-PT-SC-APC-1M-12	SC/APC singlemode pigtail, 0.9 mm, 12 colours	1 m	12 pcs

APPLICATIONS

- Fusion splicing in ODFs and patch panels
- FTTH terminal and splice boxes
- Telecom central offices
- CCTV and campus fibre backbones

STANDARDS & COMPLIANCE

- IEC 61754-4 (SC)
- IEC 61300-3-34 / 61300-3-6
- Telcordia GR-326-CORE
- ITU-T G.652.D
- TIA-598-C colour code · RoHS

PACKAGE CONTENTS

- 12 × colour-coded pigtails per bag
- Dust caps fitted on every connector
- Label with fibre type, length and batch

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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