



PRODUCT DATASHEET

Fibre Optic Assemblies & Components

OS2 Duplex Patch Cords

LC-SC

SC-SC

LC-LC

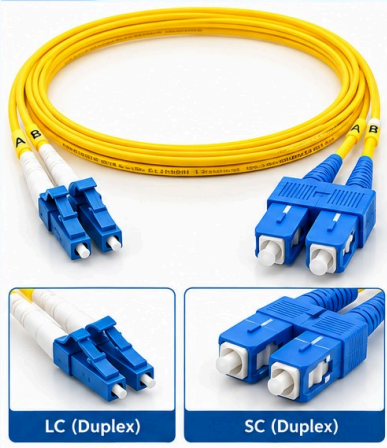
OS2

1 / 2 / 3 / 5 m

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Singlemode Duplex OS2 Patch Cords

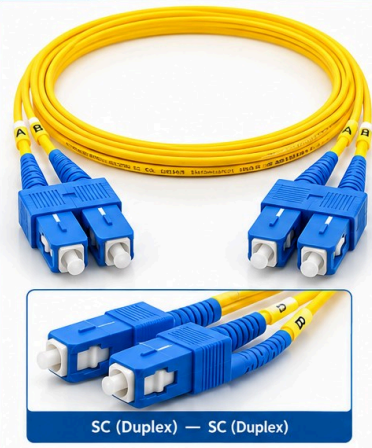
LC – SC Duplex



LC (Duplex)

SC (Duplex)

SC – SC Duplex



SC (Duplex) — SC (Duplex)

LC – LC Duplex



LC (Duplex) — LC (Duplex)

Available Lengths



1 m



2 m



3 m



5 m

LC-SC · SC-SC · LC-LC DUPLEX · YELLOW OS2 ZIP CORD · 1 / 2 / 3 / 5 M

ISHCO singlemode duplex patch cords connect switches, SFP modules, patch panels and media converters with OS2 9/125 µm fibre. Available as LC-SC, SC-SC and LC-LC in 1 m, 2 m, 3 m and 5 m.

Each cord uses UPC-polished zirconia ferrules, a 2.0 mm zip-cord LSZH yellow jacket and A/B polarity marking. Every assembly is 100% tested for insertion loss and return loss and supplied with dust caps.

OS2

G.652.D

UPC

Duplex

2.0 mm

LSZH

Features & Benefits

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- ✓ Singlemode OS2 9/125 µm, G.652.D fibre (G.657.A1 bend-insensitive on request)
- ✓ Insertion loss ≤ 0.2 dB, return loss ≥ 50 dB per connector
- ✓ 2.0 mm duplex zip-cord, LSZH yellow jacket, aramid strength members
- ✓ Pre-polished, 100% IL/RL and interferometer tested
- ✓ Lengths: 1 m, 2 m, 3 m, 5 m – custom lengths on request
- ✓ Connector combinations: LC-SC, SC-SC, LC-LC (UPC)
- ✓ Zirconia ceramic ferrules – 1.25 mm (LC) and 2.5 mm (SC)
- ✓ A/B polarity marking and uniboot-style clips for easy polarity change
- ✓ End-face geometry to Telcordia GR-326-CORE
- ✓ RoHS compliant · dust caps fitted



WEBSITE

www.ishco.uk



PHONE

+964 07501144051 · +964 07501144052



EMAIL

info@ishco.uk



LOCATION

Erbil, Sultan Muthafar

SCAN TO VISIT





OS2 Duplex Patch Cords

Technical Specifications

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Parameter	Specification
Fibre type	Singlemode 9/125 µm, OS2, G.652.D
Configuration	Duplex, 2.0 mm zip cord
Connectors	LC/UPC · SC/UPC
Ferrule	Zirconia ceramic, LC 1.25 mm / SC 2.5 mm
Insertion loss	≤ 0.2 dB (typ. 0.15 dB)
Return loss	≥ 50 dB (UPC)
Attenuation @ 1310 / 1550 nm	≤ 0.36 / 0.22 dB/km
Jacket	LSZH, yellow, Ø 2.0 mm
Tensile strength	≥ 50 N (short term)
Min. bend radius	30 mm (installed)
Durability	≥ 500 mating cycles
Operating temperature	-20 °C to +70 °C
Lengths	1 m · 2 m · 3 m · 5 m

Ordering Information

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Part No.	Connectors	Lengths available	Jacket
ISH-PC-LCSC-OS2-DX-[L]	LC/UPC – SC/UPC duplex	2 m · 3 m · 5 m	2.0 mm LSZH yellow
ISH-PC-SCSC-OS2-DX-[L]	SC/UPC – SC/UPC duplex	1 m · 2 m · 3 m · 5 m	2.0 mm LSZH yellow
ISH-PC-LCLC-OS2-DX-[L]	LC/UPC – LC/UPC duplex	1 m · 2 m · 3 m · 5 m	2.0 mm LSZH yellow

● APPLICATIONS

- SFP / SFP+ to patch panel connections
- Media converters and OLT / ONU links
- Data centre and telecom room cross-connects
- FTTx and campus backbone patching

● STANDARDS & COMPLIANCE

- IEC 61754-4 (SC) / 61754-20 (LC)
- IEC 61300-3-34 / 61300-3-6
- Telcordia GR-326-CORE
- ITU-T G.652.D · IEC 60332-1 (LSZH) · RoHS

● PACKAGE CONTENTS

- Individually bagged with label (type, length, batch)
- Dust caps on all connectors
- Part number: replace [L] with 1M, 2M, 3M or 5M

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.



WEBSITE

www.ishco.uk

PHONE

+964 07501144051 · +964 07501144052



EMAIL

info@ishco.uk

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Erbil, Sultan Muthafar

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