



PRODUCT DATASHEET

Copper Cabling & Accessories

Cat7 S/FTP Patch Cords

50 cm

1 m

3 m

S/FTP

10 Gbps

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FULLY SHIELDED METAL PLUGS · 3-COLOUR MIX

ISHCO Cat7 S/FTP patch cords combine an overall braid shield with individually foiled pairs to deliver **10 Gigabit** performance with excellent immunity to crosstalk and EMI.

Built with 100% pure copper conductors and fully shielded metal RJ45 plugs, they are the right choice for server rooms, data cabinets and high-interference industrial environments. Available in 50 cm, 1 m and 3 m in a mix of 3 colours.

Cat7

S/FTP

Shielded RJ45

10 Gbps

600 MHz

3 Colours

Features & Benefits

01

- ✓ 100% full bare copper conductors – no CCA
- ✓ Rated to 600 MHz, supports 10GBASE-T up to 100 m channel
- ✓ Excellent protection against crosstalk and electromagnetic interference
- ✓ Snagless moulded boots protect the latch during patching
- ✓ Supports PoE / PoE+ / PoE++ (IEEE 802.3af/at/bt)
- ✓ S/FTP construction: overall tinned-copper braid + aluminium foil on each pair
- ✓ Fully shielded metal RJ45 plugs with 360° shield termination
- ✓ 50 µ-inch gold-plated contacts for long-life mating
- ✓ Backward compatible with Cat6A, Cat6 and Cat5e ports
- ✓ Mixed 3-colour packs for port identification · RoHS compliant



WEBSITE

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LOCATION

Erbil, Sultan Muthafar

SCAN TO VISIT





Cat7 S/FTP Patch Cords

Technical Specifications

02

Parameter	Specification
Category / Class	Cat7 · ISO/IEC 11801 Class F
Bandwidth	600 MHz
Data rate	Up to 10 Gbps (10GBASE-T)
Shielding	S/FTP – braid overall + foil per pair
Conductor	26 AWG stranded, 100% bare copper
Connector	Shielded RJ45 8P8C, metal housing, 50 µ-inch gold
Jacket	LSZH / PVC, $\phi \approx 6.0$ mm
Impedance	$100 \Omega \pm 15 \Omega$
Coupling attenuation	≥ 80 dB (Class F)
Transfer impedance	≤ 10 m Ω /m @ 10 MHz
PoE support	IEEE 802.3af / at / bt
Operating temperature	-20 °C to +60 °C
Colours	Mixed 3 colours

Ordering Information

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Part No.	Description	Length	Colour
ISH-C7S-050-MIX	Cat7 S/FTP patch cord, 100% copper	50 cm	Mixed 3 colours
ISH-C7S-100-MIX	Cat7 S/FTP patch cord, 100% copper	1 m	Mixed 3 colours
ISH-C7S-300-MIX	Cat7 S/FTP patch cord, 100% copper	3 m	Mixed 3 colours

● APPLICATIONS

- 10 Gigabit server and storage connections
- Data centre and server room patching
- Industrial environments with high EMI
- Shielded Cat6A / Cat7 structured cabling systems

● STANDARDS & COMPLIANCE

- ISO/IEC 11801 Class F (Cat7)
- IEC 61156-5
- IEC 60603-7-7 (shielded RJ45)
- IEEE 802.3an (10GBASE-T)
- RoHS

● PACKAGE CONTENTS

- Individually bagged patch cords
- Colour-mixed packs (3 colours)
- Custom lengths and colours available on request

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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