

## SF7A-H0423-WH

### Description

Osilan's Cat7A cable solutions are flexible and cost-effective solutions that fully comply with category 7A/ Class FA standards. Cat7A cables are available in S/FTP shielded cable LSZH sheath, which is ideal for most of today's LAN network requirements and specifications with designs that support 1000 MHz applications.

### Features

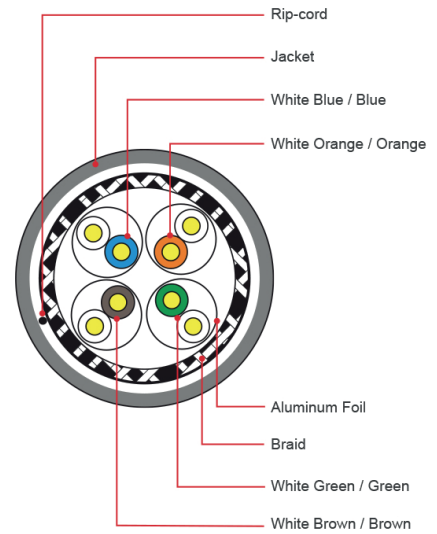
- Category 7A S/FTP copper cable with channel characterized to 1000 MHz.
- 4 Pairs with aluminum foil on each pair.
- All four pairs are surrounded by an overall braid.
- 23 AWG solid copper conductors insulated with skin-foam PE.
- Supports IEEE 802.bt type 3,4 & PoE++ Standards.
- 25-years system warranty.

### Application

- Suitable for all category 7A backbone and horizontal Cabling applications.
- 10 Base-T (Ethernet), 100 Base-T (Fast Ethernet), 1000 Base-T (Gigabit Ethernet) and 10G Base-T (10Gigabit Ethernet).
- 155Mb/s ATM, 622Mb/s ATM, 1.2Gb/s ATM, Token Ring 4/16 & ISDN.
- IEEE 802.3af, IEEE 802.3at, IEEE 802.bt type 3 and 4

### Standards

- ANSI/TIA-568.2-D Category 6A
- ANSI/TIA-568-C.2 Category 6A
- ISO 11801 2<sup>nd</sup> Edition
- IEC 61156-5
- EN 50173
- EN 50288-10-1
- EN 50575: Euroclass Eca
- EN 60332-1
- IEC 61034-2
- IEC 60754-1



#### Technical Specifications

Max Installation tension	110n
Cable diameter	7.6 mm nominal
Insulator diameter	1.05 mm
Cable weight	32.1 kg/500m
Installation temperature	-30°C to +50°C
Operation temperature	-10°C to +60°C

#### Mechanical and Electrical Specification

Bend radius	30.4 mm
Max resistance	8.4 Ω/100 m
Max resistance unbalance	2%
Dielectric strength	2.5 kv/DC
Mutual capacitance	5.6 nF/100 m at 1kHz
Nominal velocity of propagation	68%
Max operating voltage	80 v

#### ORDERING INFORMATION

Part No.	Description	Packing
SF7A-H0423-WH	Category 7A S/FTP Cables, 4Pairs, 23AWG Solid Copper, LSZH Sheath, Colour White	500m Box

\* More colours are available.