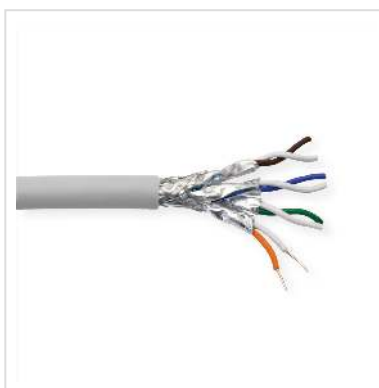
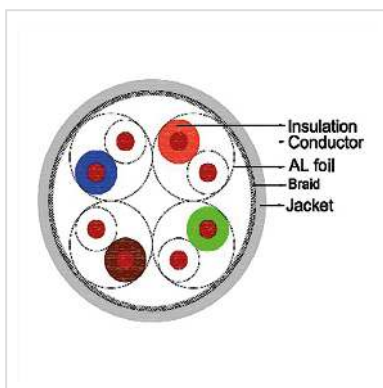
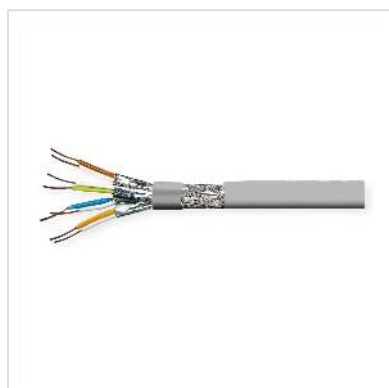


# VALUE S/FTP Cable Cat.8 (Class I), Solid Wire, LSOH, grey, 100 m

<b>Product No.</b>	21.99.1800
<b>Manufacturer</b>	VALUE
<b>Manufacturer No.</b>	21.99.1800
<b>EAN (single piece)</b>	7630049627550



**Category 8, the standard for next-generation twisted-pair cabling, enables up to four times faster data transfer on the same cabling type and supports 25GBASE-T and 40GBASE-T short distance applications. Our Cat. 8 cables are halogen-free and flame-retardant (LSOH).**

- 100 meter / box
- Impedance: 100 Ohm
- Construction:
  - 8 lines, solid copper wire, AWG22
  - pairs shielded with aluminium foil
  - complete shielding in AL-MG braid
- Colour: grey
- CPR-Dca-S2,d1,a1

For a Cat.8 channel link S/FTP Cabling we recommend to use the following components:

21.99.1800 VALUE S/FTP Cable, Cat.8, Solid Wire, AWG22

21.99.1807 VALUE Cat.8 RJ45 Keystone, Jack, toolless

21.99.1804 VALUE Cat.8 Shielded Field Connector RJ45 plug

21.99.1801 to 21.99.1803 VALUE S/FTP Patch Cable Stranded Cat.8, grey (1m to 3m)

The advantages of Category 8 cabling:

- Category 8 offers four times the bandwidth of Category 6A cabling, specified up to 2 GHz.
- Category 8 cables are shielded, though shielded cabling systems must be grounded, this is also not an issue in most data center, since the connections are closer together.
- Category 8 connectors use the familiar RJ45 interface. The jacks require proper grounding to the cable and to the device they are installed into (patch panel or outlet), therefore they are designed for field termination.
- Category 8 number of connectors is limited to two connectors in the copper channel (excluding connections on end equipment), this is typically adequate in a data center environment and many common enterprise links.
- Maximum reach: 30 meter of channel (maximum 24m link cable + 2x 3m patch cables).

### Technical specifications

Manufacturer	VALUE
Product group	Twisted Pair Cable
Product type	Installation cable
Colour	grey
Length	100 m
Contents	100 m
Shield type	SFTP
Transfer quality	Cat8.1 / Class I
Impedance	100 Ohm
Quantity of wires	8
Conductor cross section (AWG)	AWG 22
Conductor type	Solid wire
Bend radius	60mm
Colour (Cable)	grey
External cable diameter	7.50mm
Cable LSOH	yes
Material (external cable mantle)	LSOH
Fire protection class	Dca

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Operating temperature min.	-20 °C
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Operating temperature max.	75 °C
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Weight	7363 g
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Height of packaging (single piece)	300 mm
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Width of packaging (single piece)	250 mm
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Depth of packaging (single piece)	300 mm
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Package weight (single piece)	8 kg
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