Data cables LAN - SFTP 300 duplex

Technical attributes

Conductor material	Cu, bare
Conductor category	1
Conductor type	conductors blanc
Core insulation	halogen-free Foam/Skin-material
Outer sheath	FRNC
material consumption	in dry and damp rooms
Temperature range min., mobile operation	0 °C
Temperature range max., mobile operation	+50 °C
Operating temperature at conductor	-20 bis +60 °C
Minimum bending radius mobile operation	35mm
minimum bending radius during installation	50mm
Screening	foil-type screens
category	6
most resistance contrast	2 %
Insulation resistance	>5.000 MΩ x km
Impedance	at 1 to 100 MHz: 100 Ω ± 15%
Velocity of propagation	at <10MHz (NVP*c)0,74c
RoHS-compliant	yes

Description

The S-FTP 300/24 cable is rated for applications up to 300 MHz and complies with its transmission characteristics of the Category 5 specifications ISO / IEC 11801 (2002) and EN 50173 (2002). These cables are low skew products. The signal delay differences between the individual pairs is very low. This is increasingly e.g. required for Gigabit Ethernet. Likewise, the slim design and light weight are emphasized. The pairs are stranded with a foil screen (FTP), and also surrounded by a braided shield (S-FTP), which ensures excellent screening characteristics. This exceeds the requirement to comply with the Cable Class B emission to EN 55022, as well as immunity according to EN 55024, which allows the realization of electromagnetic compatibility standards-compliant networks.

Product table

product number	product name	category	Weight ca. [kg]	Cu-weight [kg_km]	Dimensions H x W ca. [mm]	Outer-Ø ca. [mm]		couples	Outer sheath colour	halogen-free
02206001	J-02YS(ST)CY 2 x (4x2x0,51) gy	6	94,00	58,00	13,8	6,80	AWG 24	8	grey	no
02206002	J-02YS(ST)CH 2 x (4x2x0,51) og	6	94,00	58,00	13,8	6,80	AWG 24	8	orange	yes
02206003	J-02YS(ST)CH 2 x (4x2x0,51) rd	6	94,00	58,00	13,8	6,80	AWG 24	8	red	yes