



Data cables LAN - FTP 100 duplex



Technical attributes

Outer sheath	halogen-free, non-flammable material
Core insulation	halogen-free Foam/Skin-material
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
Bending radius	in the company 35 mm (on the flat side) while the laying 50mm (upper flat side)
most resistance contrast	2 %
Insulation resistance	>5000 MΩ x km
Impedance	at 1 to 100 MHz: 100 Ω ± 15%
Velocity of propagation	at <10MHz (NVP*c)0,74c
category	5
RoHS-compliant	yes

Description

The FTP cable is specified to 100 MHz and complies with its transmission characteristics of the category 5 Specifications according to ISO / IEC 11801 (2002) and EN 50173-1 (2003). These cables are low skew products, the signal propagation time differences between individual pairs is very low. This is increasingly e.g. required for Gigabit Ethernet. Likewise, the slim design, low weight and the resulting low weight and the associated low fire load should be emphasized. The pairs are surrounded by a foil shield (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]	Outer-Ø ca. [mm]		couples	Outer sheath colour	halogen-free
02205001	J-02YS(ST)Y 2 x (4x2x0,51) gy	5	79,00	40,00	13,00	AWG 24	8	grey	no
02205002	J-02YS(ST)H 2 x (4x2x0,51) og	5	79,00	40,00	13,00	AWG 24	8	orange	yes
02205003	J-02YS(ST)H 2 x (4x2x0,51) rd	5	79,00	40,00	13,00	AWG 24	8	red	yes