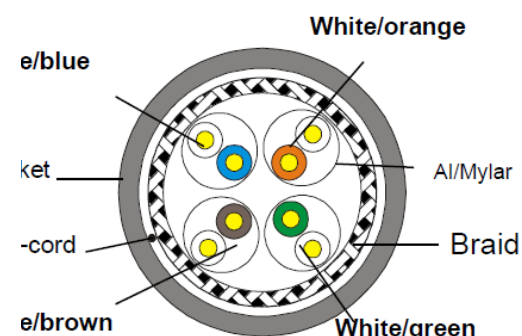


CAT8.2 23 AWG S/FTP Solid Wire

PRODUCT CODE FCC-C8.2-S/FTP-MHFB



International: IEC 61156-9 CAT8.2

Cable 8 categories - the latest addition to the model range of the 9th series. Individual shielding of each pair (S / FTP, F / FTP) additionally protects against cross-flooding inside the cable, which guarantees the stable operation of the latest high-speed applications at frequencies up to 2000 Mhz.

The FCT Cat8.2 cable is made in a shielded version of S / FTP, it corresponds to categories 8 and is intended for internal installation. The outer shell is made of an unsupportable burning of the LSZH-compound, low-smoke and is not a release of toxic compounds in the combustion process, the performance of ng (A) -HFLTx.

FEATURES

- GHMT CAT8.2 channel performance verified
- Complied with the IEC61156-9 CAT8.2 cable requirement
- IEEE802.3bt PoE type III 60W and IV 100W applications
- 22AWG solid copper wire, Skin-Foam-Skin Polyethylene isolation OD 1.64mm
- Aluminum foil around each pair, Tin plated copper braid for overall screen
- CM, LSZH (IEC60332-1-2 / IEC 60332-3-24) and CM-LSZH dual rated jacket are available OD 8.4mm



LAN CABLE

GENERAL

- S/FTP 4 Pairs Cat8.2 22 AWG, Indoor LSZH

TECHNICAL SPECIFICATION

Outer jacket diameter, mm	8.4 ± 0.2 mm
Jacket color	Blue
Screen construction (common screen)	Braid made of tinned copper wire with a coating area of at least > 30%
Protective film	≤0.2dB
Ripcord	≤0.2dB
Mass density (kg) per unit length (km)	58.2 ± 0.5 kg/km
Radius of bending during laying	At least 8 cable diameters
Radius of bending during operation	At least 4 cable diameters
Maximum tensile strength	Not more than 100 N
Characteristic impedance, ohms	100 ± 15 Ω
Nominal velocity of propagation (NVP)	0.78 ± 0.1
Max. Conductor resistance(DC), ohms/km	≤ 93.8 Ω/km
Compliance	Exceeds the requirements of the standards: ISO / IEC 11801, EN 50173 and ANSI / TIA -568-C.2
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10GBASE-T, 25GBASE-T, 40GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-Any-Lan, TR-4, TR-16 Active, TR-16 Passive
Individual screen design	100% coverage of Polyester aluminum foil
Temperature range	Storage from -20 to +60 ° C. Installation from 0 to +50 ° C. Operation from -20 to +60 ° C
Warranty	25 years-As part of a certified JCC
Length	500 m
Execution	ng(A)-HFLTx
Individual package	Wooden Drum

