

EXC Wire & Cable™

Cat7 S/FTP Ethernet Cable

Cat7 takes network performance to the next level. With even stricter specifications and shielding enhancements, Cat7 cables provide superior transmission speeds and reduced electromagnetic interference. Capable of supporting speeds up to 10Gbps at distances of 100 meters, Cat7 is suitable for high-demand applications such as data centers, server rooms, and industrial settings.

Features & Benefits

- Suitable for structured premises cabling.
- For transmission of digital and analogue voice and data signals.
- Especially suitable for all Class FA applications.
- ISDN, Ethernet 10 Base-T, Fast Ethernet 100 Base-T, Gigabit Ethernet 1000 Base-T, 10G Base-T. (IEEE 802.3).
- Token Ring4/16Mbit/s, TP-PMD/TP/DDI 125Mbit/s, ATM 155Mbit/s. (IEEE 802.5).

Cable Specification	
Conforms to	ANSI/TIA 568C.2, ISO/IEC 11801
Fire Rating	B2ca, s1a,d1,a1
Conductor	Solid - Bare copper wire (AWG 23)
Insulation Material	Skin-foam-skin PE Ø 1.45 mm
Insulation Diameter	1.330 +/- 0.05mm
Drain Wire	Tinned copper
Inner Screening Material	Alu / Mylar
Outer Screening Material	Aluminium-Magnesium Alloy 0.12mm
Sheath - Thickness	0.55+/-0.1mm
Sheath - External OD	7.6 +/- 0.5mm
Sheath - Surface	Clean
Sheath - Colour	Different color is available
Sheath - Material	PVC(Complies RoHs)
Core Colour	1. White/Blue, 2. White/Orange, 3. White/Green, 4. White/Brown
Surface Printing - Colour	Black
Surface Printing - Letter Height	3.0 +/-0.3mm
Supplied in	305m/Roll



Electrical Specifications

DC Resistance	< 9.38 Ω/100 m	
DC Resistance Unbalance max	2%	
Capacitance Unbalance (pair to ground)	< 330 pF/100 m	
Impedance (Ω)	1.0-250.0 MHz	250.0-500.0 MHz
	100+/-15	100+/-22