

Datasheet

RS Pro Cat5e FTP Cable

Description

Category 5e Foiled Twisted Pair (FTP) 100 Ohm cable is produced using a 4 x 2 x 24 AWG copper wire structure to a Class D standard. Aluminium tape is used to shield all 4 pairs; this gives a screened protection against external interference such as EMI. It supports the gigabit Ethernet protocol for horizontal and backbone installations.

Features

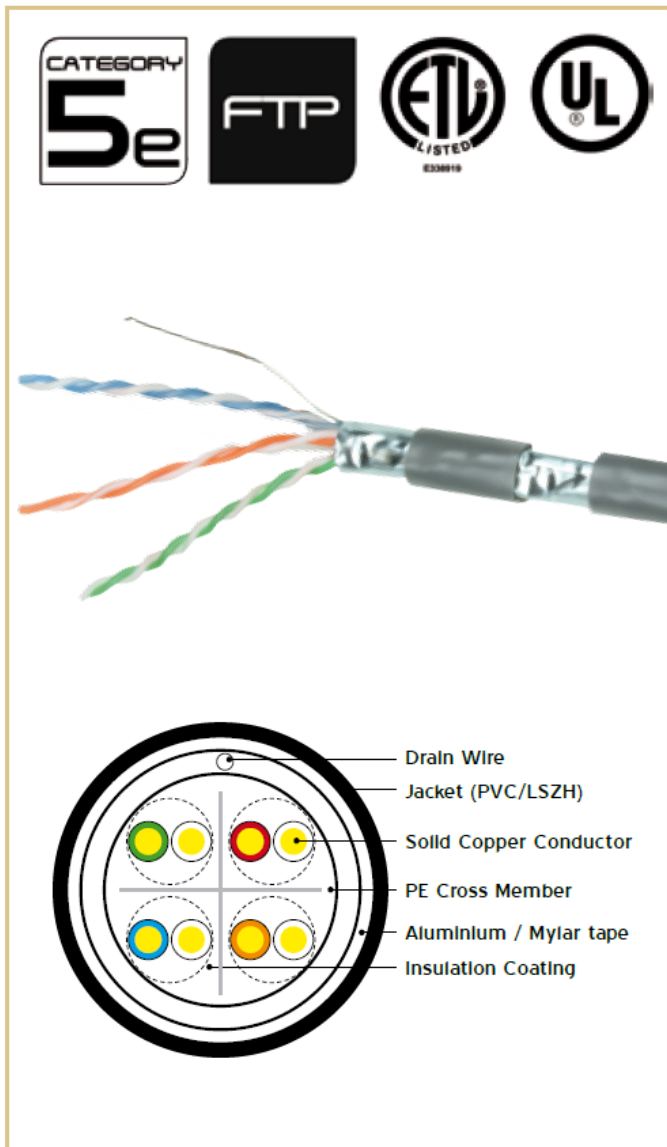
- ▶ 24 AWG conductor – solid bare copper
- ▶ PVC, LSZH and PE external jacket
- ▶ Supplied in 305m box
- ▶ Printed metre marks
- ▶ PVC, LSZH and PE options

Applications

- ▶ Supports Category 5e (Class D) networks running up to 100 MHz applications
- ▶ Ideal for environments where heavy external interference can disrupt signal such as EMI
- ▶ External horizontal and backbone installations
- ▶ 10 Base T (IEEE 802.3)
- ▶ Token ring (IEEE 805.5)
- ▶ 100 Base T (IEEE 802.3U)
- ▶ ATM 155
- ▶ 100 VG any LAN (IEEE 802.12)

Conformance

- ▶ **Category 5e**
- ▶ **ANSI/EIA/TIA 568B.2 : 2002**
- ▶ **ISO/IEC 11801 : 2002**
- ▶ **RoHS**
- ▶ **REACH**
- ▶ **ETL/UL approved**



Technical Specification

CONSTRUCTION	VALUE	
Conductors	AWG	24
	Size mm	0.515
	Material	Solid Bare Copper
Insulators	Diameter mm	1.03 +/-0.03
	Material	HDPE
Sheath	Material	Polyester + Aluminium Foil
	External O.D.	6.3 +/- 0.3
Jacket	Thickness mm	0.55 +/- 0.05
	Material	PVC / LSZH / PE