F/UTP Category 6 PVC Cable Eca Class



- Complies to latest Cat 6 standard version
- Guaranteed performance to 250MHz
- Patented central cross technology for maintaining geometry and performance
- Supports Gigabit Ethernet
- RoHS EC Directive 2002/95/EC compliant
- PVC sheath

STANDARDS

Product ANSI/TIA-568-C.2; EN 50173-1; IEC 61156-5

International ISO/IEC 11801

APPLICATION

Nexans F/UTP Category 6 cables are the standard 250MHz offering from Nexans. Manufactured in accordance with TIA/EIA 568-C.2, EN 50173-1, ISO/IEC 11801 and IEC 61156-5 requirements, the F/UTP cable is the best choice to support all Class E applications like Ethernet, Fast Ethernet, Gigabit Ethernet, … The Cat 6 F/UTP cables are suitable for basic voice and data installations up to 250 MHz.

Performance

Nexans Category 6 cables are compliant with the requirements of the TIA/EIA 568-C.2, EN 50173-1, ISO/IEC 11801 and IEC 61156-5. Used with Cat 6 connectivity, these cables are compliant with Class E link requirements as described in EN 50173 Edition 2 and ISO 11801.

Construction

1. Conductor: Bare copper

2. Insulation: Solid Polyethylene

Two insulated conductors are twisted to form a pair

Pairs are helically stranded to form a cable.

3. Core covering: Polyester tape

4. Screen: Aluminium/Polyester tape with tinned copper drain wire

5. Outer Jacket: PVC

Features

- Central cross for improved geometry and performance
- Central cross member reduces risk of crushing or kinking
- Compact design for minimum volume in ducts or trails.
- PVC sheath
- Design for easy and quick installation
- Solid 23 AWG cable
- RoHS EC Directive 2002/95/EC compliant
- Supports Gigabit Ethernet
- Complies to latest Cat 6 standards



Ambient installation T°C range
0 ... 50 °C



Flame retardant
IEC 60332-1



Operating temp.
-20 ... 60 °C

CONTACT

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All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics	
Type of cable	F/UTP
Insulation	Solid polyethylene
Screen	Aluminium-Polyester tape + tinned copper drain wire
Outer sheath	PVC
Colour	Grey
Dimensional characteristics	
Conductor cross-section (AWG/KCMIL)	23
Usage characteristics	
Ambient installation temperature, range	0 ... 50 °C
Flame retardant	IEC 60332-1
Operating temperature, range	-20 ... 60 °C

PRODUCT LIST

Nexans Ref.	Country Ref.	Name
10525760	TR	F/UTP Category 6, 4 pairs, PVC 500m reel

= Make to order, = In stock,

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