Essential-6 Cable

ESSENTIAL-6 U/UTP CAT 6 PVC 24AWG 305M REELEX BOX



Aginode Ref: N100.166

- Unshielded construction
- Complies to latest Category 6 standards
- Central cross maintains geometry and performance
- Supports Class E applications up to 250 MHz.

Application

The Aginode Essential-6 cables are manufactured and tested to the latest Category 6 specifications. They are compatible with the complete Essential-6 modular and PCB connectivity range. When the cable is installed in conjunction with Essential-6 outlets and patch panels, a 25 year Class E Link Certificate can be obtained from the Aginode website.

Performance

Aginode Essential-6 cables are compliant with the requirements of the International, European and American cable standards, including ISO/IEC 11801, IEC 61156-5, EN 50173, EN 50288 and TIA/EIA 568-C.2.

Installation

To support the correct set-up of hand held analysers for installation testing, the actual cable NVP value is given in the cable's print legend.

Values given for 2-connector channel, built with Essential-6 cable, outlet and patch panel. (Values specified at 20°C)

STANDARDS

ANSI/TIA-568-C.2
IEC 60332-1
ISO/IEC 11801-1

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Eigenschaften

Konstruktionsmerkmale	
Außenmantel	PVC
Kabeltype	U/UTP
Farbe	Light grey
Abmessungsmerkmale	
Abmessung (AWG)	24
Außendurchmesser, nom.	5.4 mm
Durchmesser über Isolierung	0.92 mm
Elektrische Eigenschaften	
Max. DC resistance of the conductor at 20°C (Ohm/km)	93.8
Betriebskapazität	56 nF/km
Wellenwiderstand	100 Ohm
Mechanische Eigenschaften	
Max. Betriebszugkraft	100 N
Übertragungseigenschaften	
Phasenlaufzeit, max. 100 MHz	536 ns/100m
Laufzeitdifferenz	45 ns/100m
Anwendungsmerkmale	
Verpackung	Box 305 m
Einsatzbereich	Innenraum
Betriebstemperatur	-20...60 °C
Minimaler Biegeradius - Während der Installation (unter Spannung)	44 mm
Minimaler Biegerradius - Installiert	22 mm
Rauchdichte	Nein
Umgebungstemperatur bei Verlegung, Bereich	-10...60 °C
Kategorie	Cat. 6
Bereich	essential-6

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Länge	305 m
Flammwidrig	IEC 60332-1

Dokumentation

Freetable Ess6 channel.xls xls — 14 KB Herunterladen

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