Essential-6 Cable

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



Aginode Ref: N100.161

- 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

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

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Eigenschaften

Konstruktionsmerkmale	
Außenmantel	LSZH
Kabeltype	U/UTP
Farbe	Orange
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	IEC 61034
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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