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

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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Characteristics

구조적 특성	
피복	폴리염화비닐
Type of cable	U/UTP
색상	담회색
치수	
Conductor cross-section (AWG/KCMIL)	24
Nominal outer diameter (mm)	5.4 mm
Diameter over insulation	0.92 mm
전기적 특성	
Max. DC resistance of the conductor at 20°C (Ohm/km)	93.8
Mutual capacitance	56 nF/km
Characteristic impedance	100 Ohm
기계적 특성	
Maximum operating pulling force	100 N
Transmission characteristics	
Propagation delay, max. 100 MHz	536 ns/100m
Skew	45 ns/100m
사용 특성	
Packaging	Box 305 m
Field of application	Indoor
操作温度范围	-20...60 °C
최소 굽힘 반지름 - 설치시 (장력작용)	44 mm
최소 굽힘 반지름 - 설치 후	22 mm
연기밀도	No
Ambient installation temperature, range	-10...60 °C
Category	Cat. 6
Range	essential-6
Length	305 m

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문서

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