Essential-6 U/UTP Cable

ESSENTIAL-6 U/UTP AWG24 CAT 6 PVC ECA LIGHT GREY 305M BOX

Aginode Ref: N100.166-LE

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



STANDARDS

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

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.

Design

The Essential-6 cables have 24 AWG solid copper wires and comply with IEC 60228. The PE central cross filler keeps the pairs in place and reduces the risks of losing performance when bending the cable.
The cables are available with a Light Grey PVC or an Orange LSZH outer jacket.

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

The Essential-6 cables are as easy to install as their Category 5e equivalent, due to their small nominal outer diameter.

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.

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

结构特性	
颜色	浅灰
外护套	聚氯乙烯
电缆类型	U/UTP
尺寸特性	
近似重量	35 kg/km
导体横截面尺寸（AWG）	24
绝缘外径	0.94 mm
标称外径	5.7 mm
电气特性	
特性阻抗	100 Ohm
传输特性	
时延值	30 ns/100m
衰减串扰比，250MHz	5.5 dB/100m
传播速度	69 %
传播延迟值，最大100MHz	536 ns/100m
使用特性	
范围	essential-6
应用类型	室内
操作温度，范围	-20...60 °C
类型	Cat. 6
阻燃 - 火焰	IEC 60332-1
包装	Box 305 m
环境安装温度，范围	-10...60 °C
最小弯曲半径 - 安装	46 mm
最小弯曲半径 - 工作	23 mm

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业绩声明

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