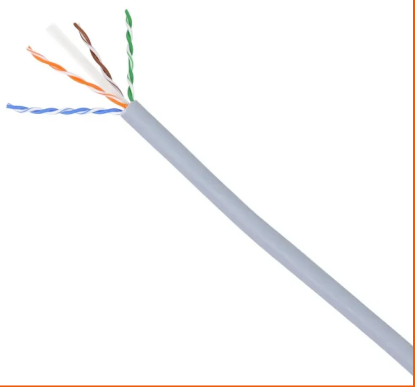
Essential-6 Cable

ESSENTIAL-6 U/UTP AWG23 CAT 6 LSZH GB 31247 B1 (D0,T0,A1) DARK GREY 305M/REEL

Aginode Ref: N100.170-GB1-D

- Compliant with all Category 6 cable standards
- Supports Class E applications
- Central cross member maintains geometry and performance
- 23AWG conductor size
- GB 31247 B1 (d0,t0,a1) compliance



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.

STANDARDS

ANSI/TIA-568-C.2
EN 50173-1
EN 50288
GB 31247
IEC 61156-5
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.

Essential-6 U/UTP AWG23 CAT 6 LSZH GB 31247 B1 (d0,t0,a1) Dark Grey 305M/Reel

Caractéristiques

Caractéristiques de construction	
Couleur	Dark Grey
Gaine extérieure	Faible dégagement de fumée et sans halogène
Type de câble	UTP
Caractéristiques dimensionnelles	
Section AWG du conducteur	AWG 23
Diamètre sur isolation	1.0 mm
Diamètre externe nominal (mm)	6.2 mm
Caractéristiques électriques	
Capacité effective	56 nF/km
Impédance caractéristique	100 Ohm
Résistance max. du conducteur CC à 20°C (Ohm/km)	93.8
Caractéristiques mécaniques	
Maximum operating pulling force	100 N
Caractéristiques de transmission	
Distorsion	45 ns/100m
Retard de propagation maximal à 100 MHz	536 ns/100m
Caractéristiques d'utilisation	
Gamme	essential
Application	Intérieur
Longueur	305 m
Température ambiante d'utilisation, plage	-20...60 °C
Catégorie	Cat. 6
Non propagateur de la flamme	GB31247 B1 (d0.t0.a1)
Densité de fumée dégagée	IEC 61034-2
Conditionnement	Touret
Température ambiante lors de l'installation, plage	0...50 °C
Minimum Bend Radius - During Installation (under Tension)	50 mm
Rayon de courbure minimum - installé	25 mm

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