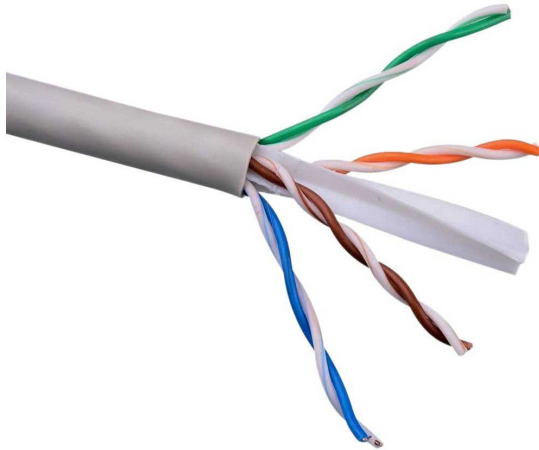


AMP CONNECT® ThunderX1® LAN cable, U/UTP, 4P, Cat6, 23AWG, LSZH Rated, 305m, Grey

MODEL NUMBER : **CCLTHX1-UULGYB**



Features :

LSZH Cat6 Cable for Gigabit Ethernet Premise Applications. This high-speed bulk cable is ideal for Cat6 used in cabling in offices, management, R&D buildings with high terminal density, signal communication in information communication systems. This includes the distribution of data, voice, security and audio/video across Gigabit Ethernet networks. Designed for fast transmission and excellent signal quality, this 305meter roll of grey cabling ensures peak performance through your LAN. Manufactured from 23 AWG copper wire, the CCLTHX1-UULGYB delivers speeds up to 250 MHz/1 Gbps.

Specifications :

Product Classification	
Regional Availability	Asia Europe Middle East Africa
Portfolio	THUNDER X1®
Product Type	Twisted pair cable
General Specifications	
ANSI/TIA Category	Cat 6
Cable Component Type	Horizontal.
Cable Type	U/UTP (unshielded)
Jacket Color	Gray.

Highlights

- LSZH jacket certified for PoE++
- Recommended for horizontal premise installations in air ducts and drop ceilings
- 23 AWG 4-pair solid copper cable rated for 250 MHz/1 Gbps Ethernet speeds Bulk pack of 1000-ft. (305 m) cable comes in grey for custom color-coded applications

Applications

- They are used in cabling in offices, management, R&D buildings with high terminal density, signal communication in information communication systems.
- Future-proof cable infrastructure against increasing PoE power levels
- Set up a security application involving PoE surveillance cameras

Package Includes

- CCLTHX1-UULGYB

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Conductor Type	Solid
Conductors quantity	8 Conductors
Separator Type	Cross Isolator
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class E
Pairs Quantity	4 Pairs
Material Specifications	
Conductor Material	Bare copper
Insulation Material	Polyolefin..
Jacket Material	Low Smoke Zero Halogen - LSZH
Separator Material	Polyolefin
Separator 2 Material	Polyolefin.
Mechanical Specifications	
Pulling Tension, maximum	11.34 kg 25 lb
Electrical Specifications	
dc Resistance, maximum	0.1 ohm
dc Resistance Unbalance, maximum	0.01
Mutual Capacitance at Frequency	max. 1500 pF/km
Nominal Velocity of Propagation (NVP)	0.67
Operating Frequency, maximum	400 MHz
Operating Voltage, maximum	72V
Remote Powering	Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt Type 4 - complies with the unmating under electrical load requirements prescribed by IEC 60512-99-003
Segregation Class	no
Environmental Specifications	
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Acid Gas Test Method	IEC 60754-2 VDE 0482-267-2-3 EN 60754-2
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-1-2 VDE 0482-332-1-2 EN 60332-1-1
Smoke Test Method	IEC 61034-2 VDE 0482-1034-2 EN 61034-2
Dimensions	

Diameter Over Insulated Conductor	1.03 mm 0.042 in
Diameter Over Jacket, nominal	5.9 mm 0.232 in
Jacket Thickness	0.6 mm 0.023 in
Conductor Gauge, singles	23 AWG
Packing	
Cable weight	38.097 kg/km 25.6 lb/kft
Packaging quantity	Box 305M