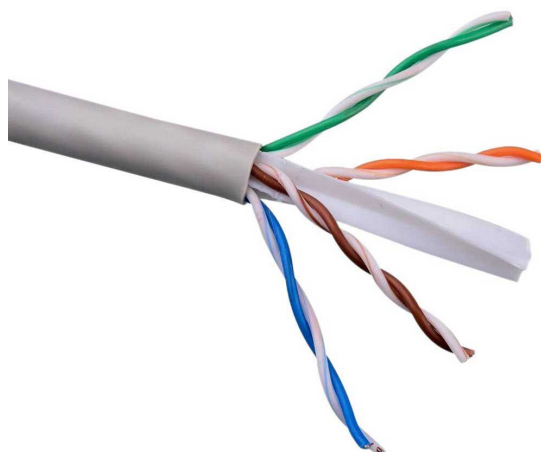


## AMP CONNECT® THUNDER X10® LAN cable, U/UTP, 4P, Cat6A, 23AWG, LSZH Rated , 500m,Grey

MODEL NUMBER : **CCLTHX10-UULGYR**



### Specifications :

| Clasificación del producto |                                           |
|----------------------------|-------------------------------------------|
| Regional Availability      | Asia   Europe   Middle East   Africa      |
| Portfolio                  | THUNDER X10®                              |
| Product Type               | Twisted pair cable                        |
| Especificaciones generales |                                           |
| ANSI/TIA Category          | Cat 6A                                    |
| Cable Component Type       | Horizontal.                               |
| Cable Type                 | U/UTP (unshielded)                        |
| Jacket Color               | Gray.                                     |
| Conductor Type             | Solid                                     |
| Conductors quantity        | 8 Conductors                              |
| Separator Type             | Cross Isolator                            |
| Transmission Standards     | ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA |
| 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.                                                                                                                                                                                |
| <b>Mechanical Specifications</b>      |                                                                                                                                                                                            |
| Pulling Tension, maximum              | 11.34 kg   25 lb                                                                                                                                                                           |
| <b>Electrical Specifications</b>      |                                                                                                                                                                                            |
| dc Resistance, maximum                | max.85 Ω/km                                                                                                                                                                                |
| dc Resistance Unbalance, maximum      | 0.01                                                                                                                                                                                       |
| Mutual Capacitance at Frequency       | max. 1500 pF/km                                                                                                                                                                            |
| Nominal Velocity of Propagation (NVP) | 0.78                                                                                                                                                                                       |
| Operating Frequency, maximum          | 600 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                                                                                                                                                                                         |
| <b>Environmental Specifications</b>   |                                                                                                                                                                                            |
| 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                                                                                                                                                 |
| <b>Dimensions</b>                     |                                                                                                                                                                                            |
| Diameter Over Insulated Conductor     | 0.87 mm   0.034 in                                                                                                                                                                         |
| Diameter Over Jacket, nominal         | 6.5 mm   0.255 in                                                                                                                                                                          |
| Jacket Thickness                      | 0.9 mm   0.035 in                                                                                                                                                                          |
| Conductor Gauge, singles              | 23 AWG                                                                                                                                                                                     |
| <b>Packing</b>                        |                                                                                                                                                                                            |
| Cable weight                          | 38.097 kg/km   25.6 lb/kft                                                                                                                                                                 |
| Packaging quantity                    | Reel 500M                                                                                                                                                                                  |

