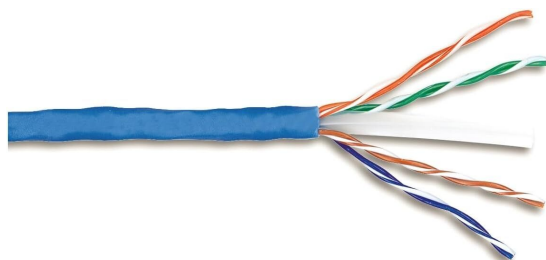


## AMP CONNECT® THUNDER X1® LAN cable, U/UTP, 4P, Cat6, 23AWG, PVC, 305m, Blue

MODEL NUMBER : CCLTHX1-UUPBLB



### Specifications :

| Classement du produit     |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| Regional Availability     | Asia   Europe   Middle East   Africa                            |
| Portfolio                 | THUNDER X1®                                                     |
| Product Type              | Twisted pair cable                                              |
| Spécifications générales  |                                                                 |
| ANSI/TIA Category         | Cat 6                                                           |
| Cable Component Type      | Horizontal.                                                     |
| Cable Type                | U/UTP (unshielded)                                              |
| Jacket Color              | Blue..                                                          |
| 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           | Polyvinyl Chloride (PVC)                                        |
| Separator Material        | Polyolefin                                                      |
| Separator 2 Material      | Polyolefin.                                                     |
| Mechanical Specifications |                                                                 |

|                                       |                                                                                                                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pulling Tension, maximum              | 11.34 kg   25 lb                                                                                                                                                                           |
| <b>Electrical Specifications</b>      |                                                                                                                                                                                            |
| 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                                                                                                                                                                                         |
| <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                   | Non-plenum                                                                                                                                                                                 |
| 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     | 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                                                                                                                                                                                     |
| <b>Packing</b>                        |                                                                                                                                                                                            |
| Cable weight                          | 38.097 kg/km   25.6 lb/kft                                                                                                                                                                 |
| Packaging quantity                    | Box 305M                                                                                                                                                                                   |