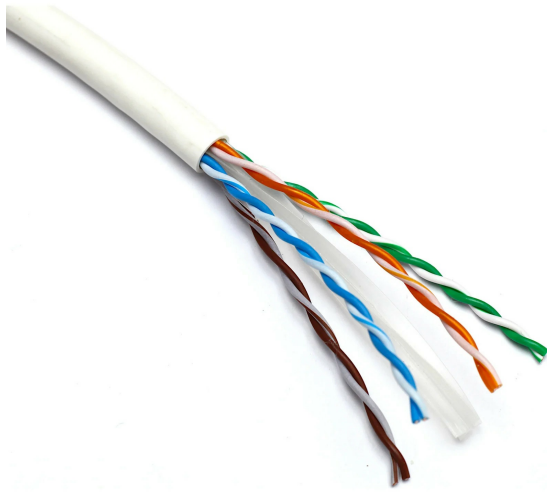


## AMP CONNECT® THUNDER X1® LAN cable, U/UTP, 4P, Cat6, 23AWG, PVC, 500m,White

MODEL NUMBER : **CCLTHX1-UUPWHR**



### 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	White.
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.
<b>Mechanical Specifications</b>	
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

Packing	
Cable weight	38.097 kg/km   25.6 lb/kft
Packaging quantity	Reel 500M