

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

MODEL NUMBER : **CCLTHX10-FFLGYR**



### Specifications :

Product Classification	
Regional Availability	Asia   Europe   Middle East   Africa
Portfolio	THUNDER X10®
Product Type	Twisted pair cable
General Specifications	
ANSI/TIA Category	Cat 6A
Cable Component Type	Horizontal.
Cable Type	F/FTP (shielded)
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	Polyester/Aluminum shield
<b>Mechanical Specifications</b>	
Pulling Tension, maximum	11.34 kg   25 lb
<b>Electrical Specifications</b>	
dc Resistance, maximum	7.61 ohms/100 m   2.32 ohms/100 ft
dc Resistance Unbalance, maximum	0.01
Mutual Capacitance at Frequency	4.2 nF/100 m @ 1 kHz
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	d
<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	1.168 mm   0.046 in
Diameter Over Jacket, nominal	7.01 mm   0.276 in
Jacket Thickness	0.61 mm   0.024 in
Conductor Gauge, singles	23 AWG
<b>Packing</b>	
Cable weight	47.859 kg/km   32.16 lb/kft

Packaging quantity	Reel 500M
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