

## AMP CONNECT® ThunderX10® LAN cable, S/FTP, 4P, Cat6a, 22AWG, LSZH Rated, 500m, Green

MODEL NUMBER : **CCLTHX10-SFLGRN**



### Applications

- Horizontal and building backbone cable
- Support current and future Category 6a, 7 applications, such as: 10GBase-T (10 Gigabit Ethernet), 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM
- PROFINET4 Pairs.

### 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	S/FTP (shielded)
Jacket Color	Green.
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	< 5.91 $\Omega$ /100m
dc Resistance Unbalance, maximum	< 2 / < 4 %
Mutual Capacitance at Frequency	< 56 nF/km
Nominal Velocity of Propagation (NVP)	0.73 c
Operating Frequency, maximum	550 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>	
Conductor Gauge, singles	22 AWG
<b>Packing</b>	
Packaging quantity	Reel 500M