

AT&T CopperLine Category 6A

Unshielded 100 Ohm Horizontal Indoor LAN Cables

Description

4 & 8 pair unshielded cables	
Frequency range	1-500 MHz
Conductor	23 AWG Solid bare copper
Insulation	PO
Color code	Modified ANSI/TIA-568-C.2 (Solid colors)
Shield	None
Note: Alien-crosstalk is minimized by non-grounded aluminum foils wrapped over each pair.	
Jacket	PVC or LSOH



Standard & EU Directives Conformance

- Category 6A cable according to IEC 61156-5
- Category 6A cable according to ANSI/TIA-568-C.2
- 500MHz cable according to EN 50288-11-1
- IEC 60332-1, IEC 60332-3-24 or IEC 60332-3-25 flame tests
- IEC 60754 & IEC 61034 (LSOH cables)
- EU Directive 2011/65/EU (RoHS-2)

Mechanical & Electrical Properties

Pulling force	50 N/mm ² max.
Short term bend radius	8xOD mm
Long term bend radius	4xOD mm
Operating temperature	-20 to +60C
Installation temperature	0 to +50C
DC resistance	80 Ohm/Km max.
Capacitance	56 max. pF/m @ 1KHz
Voltage rating	75 Vdc max.
Velocity of propagation (NVP)	78% nom.

Ordering Information

Description	OD mm	Weight Kg/Km	Packaging	P/N
4-Pair 23 AWG Unshielded CAT6A PVC IEC 60332-1 Cable Gray	7.0	48	500m drum	11M6AVA004N-GY2K
4-Pair 23 AWG Unshielded CAT6A LSOH IEC 60332-1 Cable Gray	7.0	48	500m drum	11M6AHA004N-GY2K
4-Pair 23 AWG Unshielded CAT6A PVC IEC 60332-1 Cable Gray	7.0	48	1000m drum	11M6AVA004N-GY2L
4-Pair 23 AWG Unshielded CAT6A LSOH IEC 60332-1 Cable Gray	7.0	48	1000m drum	11M6AHA004N-GY2L
2x(4-Pair 23 AWG Unshielded) CAT6A PVC IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11M6AVA008F-GY2K
2x(4-Pair 23 AWG Unshielded) CAT6A LSOH IEC 60332-1 FIG-8 Cable Gray	7.0x14.0	96	500m drum	11M6AHA008F-GY2K