

CAT.6A STP Cable - 305 Meter - Grey

Avalon Cables are the best twisted-pair cables in the market for transmitting data over local area Networks (LANs). As streaming video and multimedia over LAN are gaining popularity, users demand faster data transmission and reduced waiting time. These Cables are ideal for simple, cost-effective and high-speed transmission performance. They support a higher signal-to-noise ratio, providing better reliability for current applications and higher data rates for future applications. Aluminium tape is used to shield all 4 pairs giving screened protection against external interference such as EMI.

Make	AVALON	
Type	4 Pairs Shielded Twisted Pair (STP) Category 6A Cable	
Colour	Grey	
Cores	4	
Construction	Value	
Conductors	AWG	23
	Size(mm)	0.50
	Material	Bare Copper
Insulators	Diameter(mm)	1.02 + 0.02mm
	Material	HDPE
Jacket	External O.D.	5.0+/-0.3
	Thickness (mm)	0.50+/-0.05
	Material	PVC
Sheath	Material	Aluminium Mylar
Pulling Strength	110N	
Operating Temperature	-20° C to 75° C	
Min Bend Radius	8 times outer diameter	



Applications

- Horizontal Distribution and Backbone Cabling
- Supports category 5e (class D) networks running up to 100 MHz
- 4/16 Mbps Token Ring (IEEE 802.5)
- 10/100/1000 Base (IEEE 802.3)
- 155Mbps ATM
- 100 Mbps TP-PMD
- Analogue Voice ,ISDN,ADSL

Standards

- ISO/IEC11801:2011 (Ed. 2.2)
- ANSI/TIA/EIA-568-C.2
- EN 50173-1:2011
- EN 50173-2:2007 including amendment A1:2010
- IEC61935-2:2010 (Ed.3.0) (transmission requirements)
- Fire Standards –IEC 60332-1

Ordering Information

Part No.	Description	Length	Colour
ANC6ASPGY23-305MT	CAT.6A STP Cable-305 Meter	305 Meters	Grey