



## CAT.5E 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.

<b>Make</b>	<b>AVALON</b>
<b>Type</b>	<b>4 Pairs Shielded Twisted Pair (STP) Category 5E Cable</b>
<b>Colour</b>	<b>Grey</b>
<b>Cores</b>	<b>4</b>

<b>Construction</b>		<b>Value</b>
<b>Conductors</b>	<b>AWG</b>	23
	<b>Size(mm)</b>	0.50
	<b>Material</b>	Bare Copper
<b>Insulators</b>	<b>Diameter(mm)</b>	1.02 + 0.03mm
	<b>Material</b>	HDPE
<b>Jacket</b>	<b>External O.D.</b>	6.2+/-0.4 mm
	<b>Thickness (mm)</b>	0.55+/-0.05
	<b>Material</b>	PVC
<b>Sheath</b>	<b>Material</b>	Aluminium Foil



### Applications

- Horizontal Distribution and Backbone Cabling
- Supports category 5e (class D) networks running up to 100 MHz applications
- 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/IEC 11801:2011 (Ed. 2.2)
- ANSI/TIA/EIA-568-C.2
- EN 50173-1:2011
- EN 50173-2:2007 including amendment A1:2010
- IEC 61935-2:2010 (Ed.3.0) (transmission requirements)

### Ordering Information

<b>Part No.</b>	<b>Description</b>	<b>Length</b>	<b>Colour</b>
ANC5ESPGY23-305MT	CAT.5E STP Cable-305 Meter	305 Meters	Grey