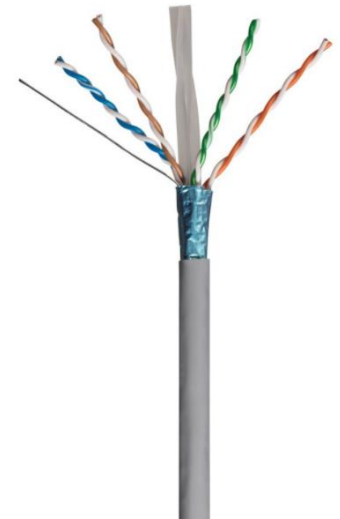


## Cat.6 FTP Cable - 305 Meter - LSZH - Grey

**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 Foil Twisted Pair (FTP) Category 6 Cable LSZH</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>	0.565
	<b>Material</b>	Bare Copper
<b>Insulators</b>	<b>Diameter(mm)</b>	1.08 + 0.05mm
	<b>Material</b>	HDPE
<b>Jacket</b>	<b>External O.D.</b>	7.4+/-0.4 mm
	<b>Thickness (mm)</b>	0.60+/-0.05
	<b>Material</b>	LSZH
<b>Shield</b>	<b>Material</b>	Aluminium Foil
<b>Pulling Strength</b>	110N	
<b>Min Bend Radius</b>	4 times outer diameter	
<b>Operating Temperature</b>	-20°C to +75°C	



### 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/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
ANC6FTPGY23-305MT-LSZH	Cat.6 FTP Cable 305 Meter Grey LSZH