

## CAT.6A UTP LSZH 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.

|                              |  |                   |
|------------------------------|--|-------------------|
| <b>Make</b>                  | <b>AVALON</b>  |                   |
| <b>Type</b>                  | <b>4 Pairs Unshielded Twisted Pair (UTP) Category 6A 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>  | 0.570             |
|                              | <b>Material</b>  | Solid Bare Copper |
| <b>Insulators</b>            | <b>Diameter(mm)</b>  | 1.03 + 0.03mm     |
|                              | <b>Material</b>  | HDPE              |
| <b>Jacket</b>                | <b>External O.D.</b>   | 6.9+/-0.4mm       |
|                              | <b>Thickness (mm)</b>  | 0.65+/-0.05mm     |
|                              | <b>Material</b>  | LSZH              |
| <b>Pulling Strength</b>      | 110N   |                   |
| <b>Operating Temperature</b> | -20° C to 75° C  |                   |
| <b>Min Bend Radius</b>       | 8 times outer diameter   |                   |



### Applications

- Horizontal Distribution and Backbone Cabling
- 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 60754-2 and IEC 61034

### Ordering Information

| Part No.               | Description                     | Length     | Colour |
|------------------------|---------------------------------|------------|--------|
| ANC6AUPGY23-305MT-LSZH | CAT.6A UTP LSZH Cable-305 Meter | 305 Meters | Grey   |