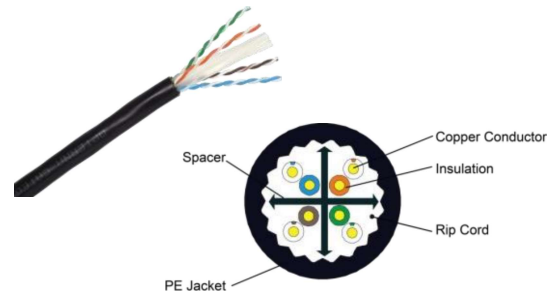


## Cat6A (U/UTP), 23 AWG Outdoor Cable Roll 4 Pairs - Solid PE

### Features and Benefits

- Category 6A/Class EA compliant
- Outdoor rated jacket material
- Compliant to ISO/IEC 11801 Ed 2.2, ANSI/TIA- 568-C.2, EN 50173-1
- IEC 61156-5, EN 50288-10-1
- Reliable performance
- Super-standard performance margin



### Description

Avalon 4-pair unshielded category 6A solid cable (U/UTP) has been designed for outdoor applications and is suitable for outdoor duct installations. The cable supports 10G Ethernet networking, fully supporting the more demanding office communications including voice, data, VoIP, Video Conferencing, security, IP based cameras and other demanding real-time applications. The cable covers the category 6A requirements for unshielded twisted pair cables of 100  $\Omega$  and is characterized up to 500 MHz suitable for transmitting data over local area networks (LANs). The cable's 8 conductors (4-Pairs) are of solid bare copper with high density polyethylene (HDPE) insulation and a UV stabilized polyethylene (PE) weather resistant jacket. The two insulated conductors are twisted together to form a pair and the four pairs with different twist ratio are laid up to form the basic cable unit.

### Applications

Horizontal Distribution and Backbone Cabling, 4/16 Mbps Token Ring (IEEE 802.5), 10/100/1000/10G BASE-T (IEEE 802.3), 155/622 Mbps 1.2Gb ATM, 100 Mbps TP-PMD, Analogue Voice, ISDN, ADSL, HVAC alarm systems and other signaling

### Standards

ANSI/TIA-568-C-2, ISO/IEC 11801:2011 (Ed 2.2) Class EA, IEC 61156-5, CENELEC EN 50173-1:2011, EN 50288-10-1

### Technical Data

Mechanical data	Value
Dimensions (W x D x H)	See technical drawing
Material	Conductor material - Solid bare copper Conductive insulation – HDPE Cable jacket - PVC/LSZH
Conductor diameter	23 AWG
Insulated conductor diameter	1.03 $\pm$ 0.05 mm
Outer cable diameter	8.3 $\pm$ 0.3 mm
Jacket thickness	0.52mm $\pm$ 0.05 mm
Pulling strength	110N
Minimum bend-radius	8 times outer diameter
Temperature range	Value
Operation	-10° C to +75° C

### Ordering Information

Part No.	Description
ANC6AUP23-305MT-PE	Cat6A (U/UTP), 23 AWG Outdoor Cable Roll 4 Pairs - Solid PE