



Cat.6A S/FTP - PE Double Jacket - Outdoor Cable - 305 Mtr - Black

Avalon Cat6a Shielded Foil Twisted Pair Outdoor Cable has a double jacket, with inner PVC jacket and outer PE jacket. S/FTP (Foil Twisted Pair - Shielded) cabling systems are installed to protect data from potentially corrupting electromagnetic interference (EMI) and improved Alien Cross talk performance.

Standard Compliance

- ANSI/TIA-568.2-D:2018
- ISO/IEC 11801-1:2017
- CENELEC EN 50288-11-1:2012
- IEC 61156-5:2012(Edition 2.0)
- EN50173-1:2011
- RoHS compliant (EU Directive 2011/65/EC)



Specifications	
Description	Value
Frequency Range	1-500 MHz
Conductor	23 AWG Solid Bare Copper
Insulation	PO
Color Code	Modified ANSI/TIA-568.2-D (Solid colors)
Water Blocking	None
Individual Pair Shield	Aluminum Foil
Overall Shield	Copper Braid
Drain Wire	None
Inner Jacket	PVC
Outer Jacket	PE
Outer Jacket Color	Black
Mechanical Properties	
Pulling force	50 N/mm2 max
Dynamic bend radius	8xOD mm min
Static bend radius	4xOD mm min
Operating temperature	-25°C to +60°C
Installation temperature	-10°C to +50°C
DC resistance	80 Ohm/km max.
Capacitance	56 pF/m max. @ 1kHz
Voltage rating	72 Vdc max.
Velocity of propagation (NVP)	78% nom.

Application

- CCTV IP system video, voice transmission
- Voice and POE system
- 10GBASE-T Ethernet, 1000BASE-T Gigabit Ethernet, 100BASE-TX Fast Ethernet, 10BASE-T Ethernet,

Ordering Information

Part No.	Description
ANC6ASF23-305MT-PE	Cat 6A S/FTP, 23 AWG, 4 Pairs, Inner PVC Jacket, Outer Solid PE Jacket, Outdoor Cable, 305m, Black