

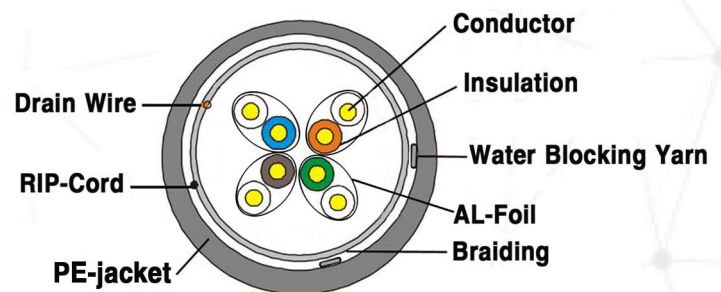
# CAT6A

## S/FTP OUTDOOR



After the development in the world of communications, especially the development of data transfer speed and the greater demand for higher networking speeds, BlueStorm accompanied this development and was a pioneer in introduction the products of the category of 6A to identify it especially in the Middle East markets  
BlueStorm has always focused on quality in its products, reasonable cost and conforming to the standards.

As compared to category 6, the product of BlueStorm category 6A is easier to work and terminations being without cross-separator and much higher efficiency than the previous.



## Specification

Category	CAT6A	
Pair count	4P	
AWG (mm)	23	
Test Standard	ISO/IEC11801, TIA-568-C.2	
Conductor material	SOLID-Bare Copper	
Conductor Nom. O.D (mm)	0.58 ± 0.003	
Insulation Material	HDPE	
Insulation Diameter	1.35±0.05 mm	
Inner shielded material	AL Foil + Braid	
Separator	No	
Drain wire	Yes	
Rip Cord	Yes	
Sheath Thickness	0.60±0.05 mm	
Sheath External O.D	7.5±0.2 mm	
Sheath Material	PE	
Sheath Color	Black	
Packing	Wooden drum, cartoon and overall nylon	
Packing length	305±1.5m	
Electrical characteristics (20°C)	1-500 MHz, Impedance(Ω)	100±15
	-1-500 MHz Delay (ns/100m)	≤ 45
	-Capacitance(nf/100m)	≤ 5.6
	-Conductor Resistance (Ω/1Km)	≤ 65.8
Installation temperature	-20°C ~ +75°C	

## BS-OSFTP6A-305M

### Features

- weather resistant jacket
- cable length numeric printed every 1m for quick count
- Fluke test pass
- An advanced water blocking technique
- RoHS
- Solid bare copper construction
- Performance tested to exceed 500MHz
- Backwards compatible with existing CAT5e and Cat6 network applications

### Application

- 10GBASE-T Ethernet applications
- Indoor/Outdoor Ethernet applications
- Power Over Ethernet (POE) indoor application