



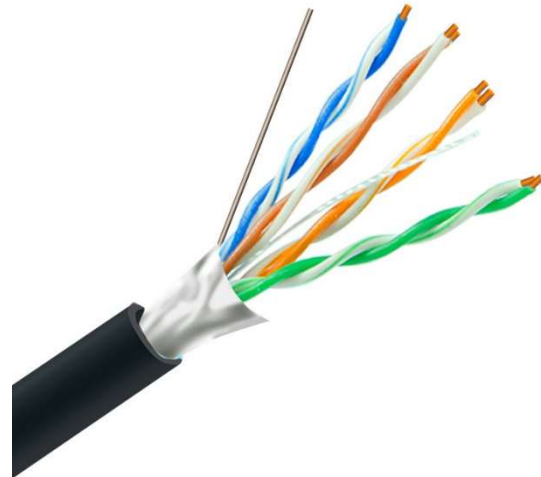
Broadstick Cat5e F/UTP Outdoor PE 24AWG LAN Cable

Broadstick provides custom Cat5e F/UTP Outdoor PE 24awg cable that exceeds the ANSI/TIA 568-B.2 CAT5E.

The Broadstick 24awg cable provides high quality connection for outdoor Wifi, outdoor Cameras, equipment distribution areas, etc.

This cable allows easy movements, installations and changes in channels up to 100 meters.

The cable is provided with a cable Outdoor PE jacket and it is of 100% Bare Copper. It includes a Mylar Spirally Wrapped for cables protection.




DETAILS

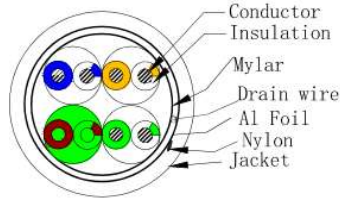
- Bare copper Solid
- Fluke Certification Channel: 100mts
- Insulation: HD-PE 0.91mm±0.03mm.
- Filler: Nylon
- NVP 69%
- 24 AWG.
- Impedance: 100 Ohms.
- Frequency 100 MHz.
- 305 Mts/roll.
- Rating Temperature 30 C.
- Voltage Rating: 30V
- Standard TIA/EIA -568B.2

Part Number	Cord Diameter	Type	Performance	Description
BSB5EFOU	5.5 mm	F/UTP OUTDOOR	CAT5E 100Mhz	Cat5E 24 AWG F/UTP Cable CM BLACK

All Broadstick products are tested in fabric.

SPECIFICATION

CONSTRUCTION & DIMENSION		
Conductor	Material:	Bare copper Solid
	Size:	24AWG*4P
	Construction:	1/0.50±0.01MM
Insulation	Material:	PE
	Avg. Thickness:	0.20MM
	Min. Thickness:	0.18MM
	Diameter:	0.91±0.03MM
Inner Layer	Direction:	S
	Pitch:	25mm underneath
Outside Layer	Direction:	S
	Pitch:	150mm underneath
Separate	Material:	/
	Construction:	/
	Material:	/
	Construction:	/
Shielding	Material:	/
	Coverage:	100% coverage with 25% overlapping
	Drain Wire:	1/0.40CCA
	Material:	Aluminum Mylar Spirally Wrapped
Filler	Material:	Nylon
	Color:	5.4±0.3mm
Jacket2	Material:	PE
	Avg. Thickness:	0.55MM
	Min. Thickness:	0.50MM
	Diameter:	Optional
Description: LAN CABLE CAT 5e FTP 1/0.50BC * 4P PE		
		Drawing NO. : 18001
Drawing	Chris Pinder	2022.09.18
Checked		
Approved		
		UNIT:MM REV.:A PART NO. :
		



CROSS-SECTION

- Insulation Color:
1. Blue&White/Blue
 2. Orange&White/Orange
 3. Green&White/Green
 4. Brown&White/Brown

ELECTRICAL PROPERTIES

Solid conductor resistance	: ≤9.38 Ω/100M at 20°C
Insulation Resistance	: Min. 5000mega ohms-km at 20°C
Dielectric Test	: 1000V DC/1min;No Breakdown
Delay skew	: ≤45nS
Propagation speed	: NVP 69%
Frequency	: 100Mhz
Impedance	: 100 Ω ±15

DESCRIPTION

Rating Temperature	: 75°C
Voltage Rati	: 30V
Standard	: TIA/EIA-568B. 2

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