

## Broadstick Cat6A UTP 26awg Cable

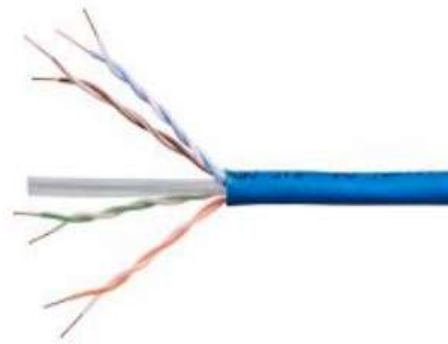


Broadstick provides custom Small Diameter Cat6a UTP 26awg cable that exceeds the ANSI/TIA 568-C.2 CAT6A.

The Broadstick 26awg cable provides a high performance solution with 5.9mm of diameter. It gets a high quality connection for Data Centers telecom rooms, equipment distribution areas, desk, etc.

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

The cable is provided with a cable CM jacket and it is of 100% Bare Copper. Colors can be customized. The cable is available in CAT6A and supports POE and POE+ applications.



### DETAILS

- Insulation: HD-PE 0.88mm±0.02mm.
- Filler: PE Cross.
- 305 Mts/roll.

Part Number	Cord Diameter	Type	Performance	Description
<b>BS*6AUCM</b>	5.9 mm	UTP	CAT6A 500Mhz	Cat6a 26 AWG UTP Cable CM
<b>BS*6AUCR</b>	5.9 mm	UTP	CAT6A 500Mhz	Cat6a 26 AWG UTP Cable CMR

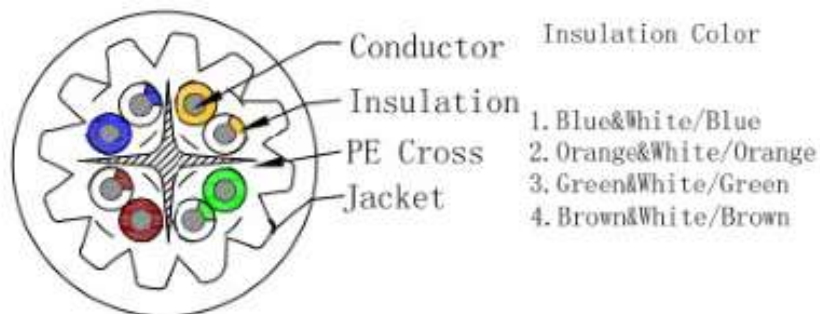
\* Color. B – Blue, G-gray, etc.

All Broadstick products are tested in fabric.

**Construction and Dimensions:**

<b>Conductor</b>	<b>Material</b>	Bare Solid Copper
	<b>Size</b>	26 awg*4P
	<b>Construction</b>	1/0.574±0.008mm
<b>Insulation</b>	<b>Material</b>	HDPE
	<b>Avg. Thickness</b>	0.22mm
	<b>Min. Thickness</b>	0.20mm
<b>Inner Layer</b>	<b>Diameter</b>	0.88±0.03mm
	<b>Direction</b>	S
	<b>Pitch, REF</b>	30mm underneath
<b>Outside Layer</b>	<b>Direction</b>	S
	<b>Pitch, REF</b>	120mm underneath
<b>Separate</b>	<b>Material</b>	Polyethylene
	<b>Construction</b>	4.3x4.3mm
<b>Filler</b>	<b>Material</b>	Nylon
<b>Jacket</b>	<b>Material</b>	CM PVC or CMR PVC
	<b>Avg. Thickness</b>	0.60mm
	<b>Min. Thickness</b>	0.55mm
	<b>Diameter</b>	5.9±0.3mm
<b>Packing</b>	<b>Color</b>	Optional
	<b>305M/Roll</b>	

**Drawing**



CROSS-SECTION



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**Electrical properties**

<b>Solid conductor resistance</b>	$\leq 11.5\Omega /100m$ at 20°C
<b>Insulation Resistance</b>	Min. 500mega ohms-km at 20°C
<b>Dielectric Test</b>	1000V DC/1min: no breakdown
<b>Delay Skew</b>	$\leq 45nS$
<b>Propagation speed</b>	NVP 69%
<b>Frequency</b>	500Mhz
<b>Impedance</b>	$100\Omega \pm 15$

**Specifications:**

<b>Rating Temperature</b>	75°C
<b>Voltage Rating</b>	30V
<b>Standard</b>	TIA/EIA-568B.2
<b>Tested</b>	FLUKE TEST PASSED 70M

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