

## Cat6a U/UTP Cable

### PRODUCT APPLICATION

- Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs
- Supports Gigabit Ethernet (10GbaseT) standard
- Operates at a bandwidth of 500MHz

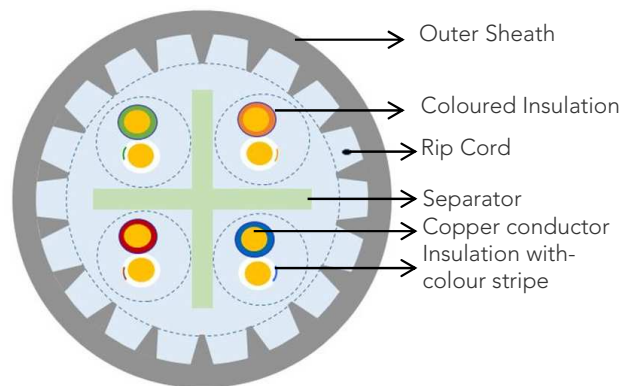
This cable complies to the requirements of ANSI/TIA-568-C.2 90m permanent link



### CONSTRUCTION

Conductor	: 23 AWG Solid bare Copper
Insulation	: High Density Polyethylene
Pairs	: 2 Insulated conductors twisted together
Separator	: Polyolefin
Sheath	: FR PVC - Corrugated Jacket

Cable Diameter: 6.5 ± 0.3 mm



### ELECTRICAL CHARACTERISTICS

Characteristic Impedance	: 100 + 15 Ω
Mutual Capacitance	: <5.6nF/100m
Resistance Unbalance	: 5% Max
Capacitance Unbalance	: 330pF/100m
Delay Skew	: < 45nS
Conductor Resistance	: <9.381Ω/100m

### COLOUR CODE

<u>PAIR NO</u>	<u>COLOUR</u>
1-2	White-Orange Stripe & Orange
3-6	White-Green Stripe & Green
4-5	White-Blue Stripe & Blue
7-8	White-Brown Stripe & Brown

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### TRANSMISSION CHARACTERISTICS

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### MECHANICAL CHARACTERISTICS

Bending Radius	: < 4 x Cable Diameter at -20°C ± 1°
Pulling Force	: 11.5 Kgs
Temperature Range	
Installation	: 0° to +50°C
Operation	: -20° to +70°C

### ORDERING INFORMATION

MODEL NAME	DESCRIPTION
NCB-6AUGRYR-305	Cat.6a U/UTP CABLE,305MTR,PVC Sheath