

Networking Data Cable: CAT - 5E, CAT - 6

Applications

This cable is used for inter-connection for the transmission and data processing of electronic equipment.



Colour Code		
No of pairs	A - Wire	B - Wire
1	white	blue
2	white	orange
3	white	green
4	white	brown

Construction	
Conductor	Solid annealed plain copper wire
Insulation	PE/PP as per TIA/EIA - 568 B2, color code as given in table
Assembly	Cores twisted into pairs and pairs are stranded into a single unit to form a cable.
Sheath	Gray colored PVC as per IEC 189-2

Technical Data		
Specification	IEC 189-2	
Temperature Range	Stationary	-30°C to + 70°C
	Flexing	-5°C to +50°C
Conductor Dia (mm)	0.4	0.5
Max Conductor Resistance at 20°C /km	153.0	97.38
Test Voltage kv (DC)/1 minute	1.5	
Mutual Capacitance at 1 kHz (nF/km)	Ind. max 120	
Capacitance unbalance between pair to pair at 1 kHz (PF/500 mtr)	Ind. max 400	

Note: Tinned copper conductor can be supplied on demand. The actual color of the product may differ from the given picture.