

CAT6 24 AWG COPPER CABLE - 305 Mtr

UV-CAB-COP305M



DESCRIPTION

24 AWG 4 PAIR CAT6 UTP PVC JACKET NETWORKING CABLE

Operating Temperature	-15°C to 70°C	Conductor (mm)	24 AWG
Cond. Materials	ANNEALED BARE COPPER	No of Stands	1

Insulation

	Material	HDPE(High Denesity Polyethylene)
Diameter	0.95 ± 0.10 mm	Thickness 0.20 mm(Nominal)

Pair Twisting

Pair 1	Pair -2	Pair -3	Pair-4
Blue + White - Blue	Orange + White-Blue	Green + White-Green	Brown + White-Brown

Outer Sheath

Material	PVC	Thickness	0.85 + 0.10 mm	Diameter	5.80 +/- 0.30 mm	COLOR	GREY
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ELECTRICAL PARAMETER

Conductor Resistance @ 20°C	100.00 Ω/Km	Resistance DC Unbalance	N/A
Resistance DC Unbalance	>367.0m/km @500 VDC		
Dielectric Strength	0.700 KV AC for 1 minute (Withstood)		
Spark Test	1.0 KV AC for 0.15 Second (Withstood)		
Capacitance to 1KHz (Approx)	5.6nF/100m	Normal Velocity of Propagation	69%
Impedence	100 + 15%	Delay Skew	< 45 ns /100m

MECHANICAL PERFORMANCE

	INSULATION	PVC JACKET
INSULATION & SHEATH (UNAGED)		
TENSILE STRENGTH	13.79 N/mm ² (Min).	12.50 N/mm ²
ELONGATION	300% (Min).	150%
HOT DEFORMATION TEST (PVC Jacketing)		(No Crack)
Cold Bend Test (PVC Jacketing)	-15 ± 2 C for 2-3 Hrs	(No Crack)
Heat Shock Test (PVC Jacketing)	150 ± 2 C X 1 Hrs	(No Crack)
Bending Radius Test	8 Times of Overall Dia	(NO CRACKS)

Packing Standard	305 mtr IN BROWN CORRUGATED BOX SINGLE PACKING
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