

CAT6 UTP OUTDOOR DOUBLE LAYER COPPER - 305 Mtr

UV-CAB-COP305M



DESCRIPTION		CAT6 UTP OUTDOOR DOUBLE LAYER COPPER - 305 Mtr			
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
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				