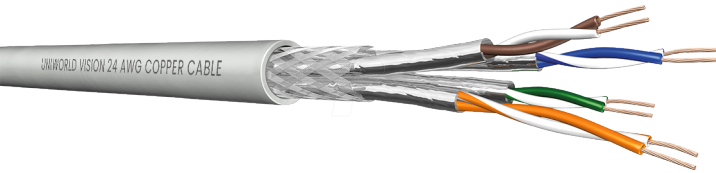


CAT6 24 AWG COPPER CABLE – 100 Mtr

UV-CAB-COP100M



**CAT6 24 AWG
COPPER CABLE**

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
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