dimax

CABLE UTP CAT6 100%COBRE (UL) COLOR BLANCO - 305M

Z025

CARACTERÍSTICAS

Category	U/UTP CAT6-4P-PVC-CM			
Reference Standard	ISO/IEC11801、TIA-568-C.2			
Conductor	Material	SOLID-Bare Copper		
	Nom.O.D.(mm)	0.565	up	+0.005
			down	-0.005
Insulation	Material	HDPE		
	Diameter	1.02±0.08mm		
Sheath	Thickness	0.55±0.05 mm		
	External O.D.	6.2±0.4mm		
	Surface	Clean,Frap,Satiation		
	Material	PVC(complies RoHS),CM		
	Color	TBD		
Surface Printing	Letter height	3.0±0.3mm		
	Color	Black		
	Print error & Space	≤±0.5%、1m		
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		
	3 White-Green /Green	4 White- Brown /Brown		
Packing	Wooden Tray & Carton			
Carton dimension	According to the requires			
Packing length	(305+1.5)m			
Rip-cord	Yes	Drain wire	No	
Sheath Physical Properties	Before Aging Tensile Strength (Mpa) ≥13.5 Elongation(%) ≥150			
	Aging Period (°C×hrs) 100°C×24h×7d			
	After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125			
	Cold bend(-20±2°C×4h) 8×Cable O.D.，No visible cracks			
Electrical Characteristics (20°C)	1.0-250.0MHz Impedance ((Ω) 100±15			
	1.0-250.0MHz Delay Skew (ns/100m) ≤45			
	DC Resistance (Ω/100m) max 9.38			
	DC Conductor Resistance Unbalance (%) max 5.0			

ESPECIFICACIONES

Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT(20℃) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	20.0	2.03	74.3	570.00
4.0	23.0	3.78	65.3	552.00
8.0	24.5	5.32	60.8	546.73
10.0	25.0	5.95	59.3	545.38
16.0	25.0	7.55	56.2	543.00
20.0	25.0	8.47	54.8	542.05
25.0	24.3	9.51	53.3	541.20
31.25	23.6	10.67	51.9	540.44
62.5	21.5	15.38	47.7	538.55
100	20.1	19.80	44.3	537.60
200	18.0	28.98	39.8	536.54
250	17.3	32.85	38.3	536.27

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	72.3	67.8	64.8
4	63.3	55.8	52.8
8	58.8	49.7	46.7
10	57.3	47.8	44.8
16	54.2	43.7	40.7
20	52.8	41.8	38.8
25	51.3	39.8	36.8
31.25	49.9	37.9	34.9
62.5	45.4	31.9	28.9
100	42.3	27.8	24.8
200	37.8	21.8	18.8
250	36.3	19.8	16.8



