dimax

CABLE UTP CAT5E 100%COBRE (UL) COLOR AZUL - 305M

Z024

CARACTERÍSTICAS

Category	U/UTP CAT5E-4P-PVC-CM			
Reference Standard	ISO/IEC11801、TIA-568-C.2			
Conductor	Material	Solid-Bare Copper		
	Nom.O.D.(mm)	0.500	up	+0.005
			down	-0.005
Insulation	Material	HDPE		
	Diameter	0.88±0.05mm		
Sheath	Thickness	0.50±0.05 mm		
	External O.D.	5.0±0.4 mm		
	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)	1.0-100.0MHz Impedance(Ω) 100±15			
	1.0-100.0MHz Delay Skew (ns/100m) ≤45			
	DC Resistance(Ω/100m) max 9.5			
	DC Conductor Resistance Unbalance(%) max 5.0			

ESPECIFICACIONES

Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	Phase DELAY ≤ns
1	20.0	2.0	65.3	570.00
4.0	23.0	4.1	56.3	552.00
8.0	24.5	5.8	51.8	546.73
10.0	25.0	6.5	50.3	545.38
16.0	25.0	8.2	47.2	543.00
20.0	25.0	9.3	45.8	542.05
25.0	24.3	10.4	44.3	541.20
31.25	23.6	11.7	42.9	540.44
62.5	21.5	17.0	38.4	538.55
100	20.1	22.0	35.3	537.60

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	62.3	63.8	60.8
4	53.3	51.8	48.8
8	48.8	45.7	42.7
10	47.3	43.8	40.8
16	44.4	39.7	36.7
20	42.8	37.8	34.8
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.9	24.9
100	32.3	23.8	20.8



