
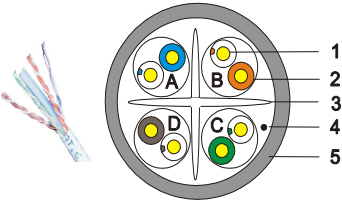


**Giga-Maxx Cat 6 U/UTP Installation Cable 4P 305m box PVC Gray**


Sheath Printing		<b>Giga-Maxx CAT6 U/UTP INSTALLTION CABLE 4PAIR 23AWG E225668(UL) CMX ETL VERIFIED TO ISO/IEC11801ED.2 ANSI/TIA-568-C.2 &amp; EN50288-6-1 IEC60332-1-2 Meter Mark</b>			
Category		UTP/CAT6-4P-PVC			
Test Standard		ISO/IEC11801、TIA/EIA 568B YD/T1019-2001			
1. Conductor	Material	SOLID-Bare Copper			
	Diameter	23 AWG (0.56mm)			
2. Insulation	Material	HDPE			
	Diameter	1.035±0.02mm			
Color	A.Blue, White-Blue	B.Orange,White-Orange			
	C.Green,White-Green	D.Brown, White-Brown			
3. Rip-cord	Yes	Drain wire	No		
4. Sheath	Thickness	0.55±0.05 mm			
	External O.D.	6.1±0.3 mm			
	Surface	Clean,Frap,Satiation			
	Material	PVC			
	Color	Gray			
Surface Printing	Letter height	3.0±0.3mm			
	Color	Black			
	Print error & Space	≤±0.5%, 1m			
Packing	Wooden reel + pallet				
Carton dimension					
Packing length	305 meter				
Sheath	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			
Physical Properties	Cold bend (-20±2°C×4h) No visible cracks				
Electrical	1.0-250.0MHz, Characteristic impedance (Ω) 100±15				
	1.0-250.0MHz, Delay Shew 20°C(ns/100m) ≤45				
Characteristics (20°C)	DC Resistance 20°C(Ω/100m) max	9.38			
	DC Conductor Resistance Unbalance (%)max	2.5			

Technical Performance (100m):					
(MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	
1	20.0	1.9	74.0	570.00	
4.0	23.0	3.7	65.0	552.00	
8.0	24.5	5.3	60.7	546.73	
10.0	25.0	5.9	59.0	545.38	
16.0	25.0	7.5	56.0	543.00	
20.0	25.0	8.4	55.0	542.05	
25.0	24.3	9.5	53.3	541.20	
31.25	23.6	10.6	52.0	540.44	
62.5	21.5	15.4	47.0	538.55	
100	20.1	19.8	44.0	537.60	
200	18.0	29.0	40.0	536.54	
250	17.3	32.8	38.0	536.27	

(MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	72.3	68.0	65.0
4	63.3	56.0	53.0
8	58.8	49.9	46.9
10	57.3	48.0	45.0
16	54.2	43.9	40.9
20	52.8	42.0	39.0
25	51.3	40.0	37.0
31.25	49.9	38.1	35.1
62.5	45.4	32.1	29.1
100	42.3	28.0	25.0
200	37.8	22.0	19.0
250	36.3	20.0	17.0

5. Plastic Separator : O.D 4.5mm, Nom thickness : 0.45mm, complies RoHS

<b>Part No: GM-CAT6UTPCABLE-PVC-GY</b> <b>Technical Department: Gigalight Pte Ltd</b>	
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