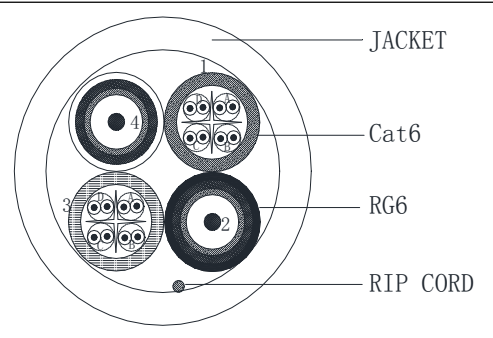


MULTIMEDIA BUNDLE CABLE WITH 2 RG6 QUAD & 2 CAT6 550MHZ

Content of the Data Sheet				
Part number	6Q6CMR5Y			
Category	U/UTP CAT6E-4P-PVC + RG6(QUAD 1.02CCS)			
Test Standard	ISO/IEC11801、TIA-568-C.2			
2CXConductor(CAT6)	Material	Bare copper		
	Nom.O.D.(mm)	4X2X0.57 (+/-0.005)mm		
2CXConductor(RG6)	Material	CCS		
	Diameter	1.02CCS(20%)		
Shielded(RG6)	QUAD: AL-FOIL+60%AL-WIRE+AL-FOIL+40%AL-WIRE			
Jacket	Thickness	0.75 ± 0.1 mm		
	External O.D.	17.8 ± 0.35 mm		
	Surface	Striped		
	Material	FR-PVC		
	Color	YELLOW		
Surface Printing	Letter height	4.5 ± 0.3mm		
	Color	BLACK		
	Print error & Space	≤ ± 0.5%, 2ft		
	Inner Color	1: GREEN, 2: BLACK, 3: BLUE, 4: WHITE		
Packing	500FT/ REEL			
Weight	93 lbs			
Packing length	500ft ± 4ft			
Rip-cord	Yes	Drain Wire	No	
Jacket Physical Properties	Before Aging Tensile Strength (Mpa)	≥ 13.0		
	Before Aging Elongation(%)	≥ 300		
	After Aging Elongation(%)	≥ 75		
	Cold bend(-40 ± 2°C×4h)	8×Cable O.D., No visible cracks		
	Agging Period (°C×hrs)	100°C×24h×7d		
Electrical Characteristics(RG6)	Capacitance (pF/100m)	53+/-3		
	IMPEDANCE:	75.0+/-5.0ohms		
	ATTENUATION: Max(dB/100m)			
	5Mhz: 2.66	55Mhz:5.25	211Mhz:10.10	
	300Mhz: 12.14	400Mhz:14.11	450Mhz:15.03	
	500Mhz: 15.88	600Mhz:16.69	750Mhz:17.52	
	870Mhz: 21.33	1000Mhz:22.97	1800Mhz:27.63	
	2200Mhz: 30.75			
Temperature Range:	-20°C to + 75°C			
	MEETS RoHS			



Technical Performance (100m)(CAT6):					
Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	
1	20.0	2.1	75.3	570.0	
4.0	23.0	3.8	66.3	552.0	
8.0	24.5	5.3	61.8	546.7	
10.0	25.0	5.9	60.3	545.4	
16.0	25.0	7.5	57.2	543.0	
20.0	25.0	8.4	55.8	542.1	
25.0	24.3	9.4	54.3	541.2	
31.25	23.6	10.5	52.9	540.4	
62.5	21.5	15.0	48.4	538.6	
100	20.1	19.1	45.3	537.6	
200	16.4	27.6	40.8	536.5	
250	15.6	31.1	39.3	536.3	
300	14.9	34.3	38.1	536.1	
500	13.0	45.3	34.8	535.6	
600	12.3	48.5	33.6	535.0	

Frequency (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
300	35.1	18.5	15.5
500	31.8	14.0	11.0
600	30.6	12.0	10.0