

**MULTIMEDIA BUNDLE CABLE WITH 2 RG6 QUAD & 2 CAT6
550MHz**
PART NO. 6Q6CMR5Y
DESCRIPTION:

Multimedia Bundle cable with two RG-6 QUAD cables and two Cat6 550MHz cables.

Category: U/UTP CAT6E-4P-PVC +RG6(QUAD 1.02CCS)

MEETS RoHS

Standard Packing/Jacket Color

Inner Color	CAT6 (Green & Blue) RG6 (Black & White)		
Packing	500Ft/REEL		
Weight	93 lbs		
Rip-cord	Yes	Drain Wire	No

Temperature Range: -20°C to +75°C
**Toll Free: (866) 945-5051
Local: (770) 945-5051
Fax: (770) 945-9582
www.commoditycables.com**
Construction Details:

Test Standard		ISO/IEC11801 TIA-568-C.2	
Conductor	Material	Bare copper	
	Nom.O.D.(mm)	4X2X0.57 (+/-0.005)mm	
	Material	CCS	
	Diameter	1.02CCS(20%)	
Braiding 1	AL-wire (60%)		
Braiding 2	AL-wire (40%)		
Jacket	Thickness	0.75±0.1mm	
	External O.D	0.75±0.1mm	
	Surface	Striped	
	Material	FR-PVC	
	Color	Blue	
Surface Printing	Letter height	4.5±0.3mm	
	Color	Black	
	Print error & space	≤+0.5%, 2ft	
Jacket Physical Properties	Before Aging	TensiL Strength(M-pa)	≥13.0
		Elongation(%)	≥300
	Aging Period (°CXhrs)	100°CX24hX7d	
	After Aging	Elongation(%)	≥75
	Cold bend (-40+2°Cx4h)	8 X Cable O.D.	No Visible cracks

Electrical Characteristics

Electrical Characteristics(RG6)	Capacitance (pF/100m) 53+/-3		
	Impedence: 75.0+/-5.0 Ohms		
	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		

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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.	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

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*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.
 It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice*