

**MULTIMEDIA BUNDLE CABLE WITH 2 RG6 QUAD & 2 CAT6  
550MHz**
**PART NO. 6Q6CMR5X**
**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

**Weight:** 96 lb

**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		

**Toll Free: (866) 945-5051**  
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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\*