

# RG6/U QUAD CMP COAXIAL CABLE



## 6QCCSCMPRB – RG6/U QUAD CMP 1000' WHITE, WOODEN REEL

Content of the Data Sheet				
Part number	6QCCSCMPRW			
Category	RG6/U QUAD			
Test Standard	UL CMP			
Conductor	Material	CCS		
	Nom.O.D.(mm)	1.02	up	+0.005
			down	-0.005
Insulation	Material	FOAM-FEP		
	Diameter	4.32 ± 0.05 mm		
Wrapped AL MYLAR	Filler	100%		
	OVERLAP	25%		
BRAID	MATERIAL	Aluminum magnesium wire		
	SIZE	16*4*0.16±0.008mm		
Wrapped AL MYLAR	Filler	100%		
	OVERLAP	25%		
BRAID	MATERIAL	Aluminum magnesium wire		
	SIZE	16*3*0.16±0.008mm		
Sheath	Thickness	0.33 ± 0.05mm		
	External O.D.	6.7 ± 0.15 mm		
	Surface	Clean,Frap,Satiation		
	Material	Flame Retardant PVC		
	Color	WHITE		
Surface Printing	Letter height	3.0 ± 0.3mm		
	Color	White		
Core Color	White			
Packing	Wooden Reel			
Weight	38 lbs			
Packing length	305 ± 1.5m			
Sheath Physical Properties	Tensile strength : PVC: min 2000psi Aged: min 75%			
	Elongation: unaged:PVC:100% Aged:65%			
	Heat shock test: No cracking			
	Cold bend test: No cracking			
	Flame test: CSA FT6 or UL910			
Electrical Characteristics (20°C)	Sparker Test:2000V			
	Characteristic Impedance: 75±3 Ohm			
	Velocity of propagation: 84%NOM			
	Dielectric strength conductor to shield:2500VDC			
Temperature Range:	-45°C to + 60°C			

Jacket

Conductor

Foam FEP

AL Mylar

AL Braid

2 AL Mylar

2 AL Braid

ATTENUATION:			
FREQUENCY MHz	dB/1000FT(NOM)	dB/100M(NOM)	
1MHz	0.4dB	1.31dB	
10MHz	0.9dB	2.95dB	
50MHz	1.6dB	5.25dB	
100MHz	2.2db	7.22dB	
200MHz	3.0dB	9.84dB	
400MHz	4.33dB	14.21dB	
700MHz	6.25dB	20.51dB	
900MHz	7.3dB	23.95dB	
1000MHz	7.9dB	25.92dB	
1200MHz	8.4dB	27.56dB	
1450MHz	9.7dB	31.82dB	
1800MHz	11.00dB	36.09dB	
2200MHz	12.00dB	39.37dB	
3000Mhz	13.8dB	45.28dB	