

**RG59/U W-18/2 CMP COAXIAL CABLE**
**PART NO. 59182CMPRW**
**DESCRIPTION:**
**RG59/U W-18/2 1000' CMP WHITE, WOOD-EN REEL**
**Category: RG59/U+2C\*18AWG**
**Test Standard: UL CMP**
**PERFORMANCE**

ATTENUATION		
Frequency MHz	dB/1000Ft (NOM)	DB/100M (NOM)
1MHz	0.29dB	0.95dB
10MHz	0.9dB	2.95dB
50MHz	1.91dB	6.27dB
100MHz	2.7dB	8.86dB
200MHz	4.0dB	13.12dB
400MHz	5.80dB	19.02dB
700MHz	7.80dB	25.59dB
900MHz	9.0dB	29.53dB
1000MHz	9.7dB	31.82dB
1200MHz	10.7dB	35.10dB
1450MHz	11.5dB	37.73dB
1800MHz	13.5dB	44.29dB
2200MHz	15.5dB	50.85dB
3000MHz	18.5dB	60.70dB

**STANDARD PACKAGE**

Packing	Wooden Reel
Weight	61 lbs
Packing Length	305±0.3mm

**CONSTRUCTION DETAILS**

Conductor	Material	Solid Bare copper			
	Nom. O.D. (mm)	1C	1/0.75±0.05mm		
		2C	7/0.4±0.08mm		
Insulation	Material	1C	Foam-FEP	2C	CMPPVC
	Diameter	1C	3.4±0.05mm	2C	1.6±0.05mm
Wrapped AL MYLAR	Filler	/			
	OVERLAP	/			
BRAID	Material	BC			
	SIZE	7*0.12±0.008mm *16			
Sheath	Nom. Thick-ness	1C	0.4±0.05mm	2C	0.45±0.05mm
	External O.D	1C	5.0±0.15mm	2C	4.5±0.15mm
	Surface	Clean, Frap, Satiation			
	Material	Flame Retardant PVC			
	Color	WHITE			
Surface Printing	Letter Height				3.0±0.3mm
	Color				White
Core Color	1C	White	2C	RED/BLACK	
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				

Toll Free: (866) 945-5051  
 Local: (770) 945-5051  
 Fax: (770) 945-9582  
 www.commoditycables.com

