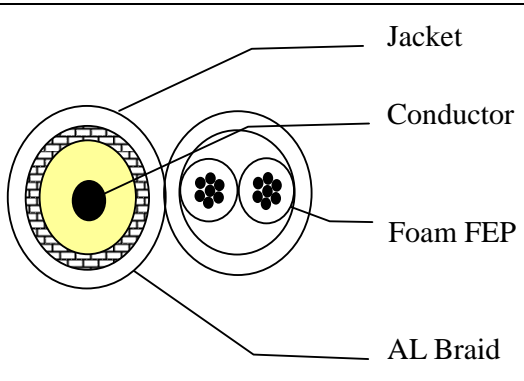


# RG59/U W-18/2 CMP COAXIAL CABLE



59182CMPRW – RG59/U W- 18/2 1000' CMP WHITE, WOODEN REEL

Content of the Data Sheet					
Part number	59182CMPRW				
Category	RG59/U+2C*18AWG				
Test Standard	UL CMP				
Conductor	Material	Solid Bare copper			
	Nom.O.D.(mm)	1C	1/0.75±0.05mm		
		2C	7/0.40±0.08mm		
Insulation	Material	1C	FOAM-FEP	2C	CMPPVC
	Diameter	1C	3.4±0.05 mm	2C	1.6±0.05mm
Wrapped AL MYLAR	Filler	/			
	OVERLAP	/			
BRAID	MATERIAL	BC			
	SIZE	7*0.12±0.008mm *16			
Sheath	Thickness	1C	0.4±0.05mm	2C	0.45±0.05mm
	External O.D.	1C	5.0±0.15 mm	2C	4.5±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	1C	White	2C	RED/BLACK	
Packing	Wooden Reel				
Weight	61 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 Braid

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	