

RG59/U W-18/2 OUTDOOR COAXIAL CABLE
PART NO. 59182OUTWRB
DESCRIPTION:
**RG59/U W-18/2 1000' OUTDOOR COLOR,
WOODEN REEL**
Category: RG59/U+2C*18AWG
Test Standard: UL CMX
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	1x0.81±0.01mm		
		2C	7x0.386±0.008mm		
Insulation	Material	Foamed PE	2C	CMPPVC	
	Diameter	3.4± 0.05mm	2C	1.6±0.05mm	
Wrapped AL MYLAR	Filler	3.5±0.05mm			
	OVERLAP	Water Block Tape			
BRAID	Material	BC			
	SIZE	9x0.12±0.008mmx16			
Sheath	Nom. Thick-ness	1C	0.6±0.1mm	2C	0.45±0.05mm
	External O.D	1C	5.8±0.2mm	2C	4.5±0.15mm
	Surface	Clean, Frap, Satiation			
	Material	PE			
	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

