

**RG59MIL(0.12)**

<b>Product Name/Code:</b> RG59MIL (0.12)		<b>Electrical Performance</b>	
<b>Application</b>		Electrical Characteristics	
For communication and signal control systems.		<b>Frequency</b>	<b>Attenuation</b>
<b>Reference Standard</b>		(MHz)	(dB/100m)
Customer's sample spec. and the general standard		50	4.3
		100	8.0
<b>Cable Construction</b>		200	17.6
<b>Center Conductor</b>	<b>Bare Copper/CCS</b>	400	23.0
Dia.	1/0.584	700	28.4
<b>Insulation</b>	<b>Solid PE</b>	900	34.8
Nom. Thickness(mm)	1.56	1000	39.5
Insulation Dia. ( $\pm 0.03$ mm)	3.7	<b>Operating Temperature( ? )</b>	60
<b>Braid Shield</b>	<b>Bare Copper Braid</b>	<b>Capacitance(pF/m)</b>	67
Construction	16/ 7/0.12	<b>Velocity ratio (+/-5%)</b>	66.7
Coverage Area(%)	$\geq 86$	<b>Impedance(+/-3 <math>\Omega</math>)</b>	75
<b>Jacket</b>	<b>PVC</b>		
Nom. Thickness(mm)	1.10		
Cable Dia.( $\pm 0.10$ mm)	6.15		
<b>Jacket Compound</b>	<b>PVC/LSF/LSOH</b>		
Core Identification/Color Code	According to customer request		
Bending Radius	6 x Overall Diameter		
Temperature Rating	70C		
Voltage Rating	300/500V		
<b>Fire Performance</b>			
Flame Propagation Test to IEC 60332 Part 1 ( PVC /LSOH)			
Flame Propagation Test to IEC 60332 Part 1 and Part 3 ( FRPVC/LSFROH )			
Determination of the amount Halogen Acid Gas to IEC 60754 Part 1 ( LSOH )			
Smoke Density Test to IEC 61034 ( LSOH )			
Oxygen Index Test to BS 2863 or ISO 4589-2 ( LSOH )			
Temperature Index Test to BS 2782 or ISO 4589-3 ( LSOH )			