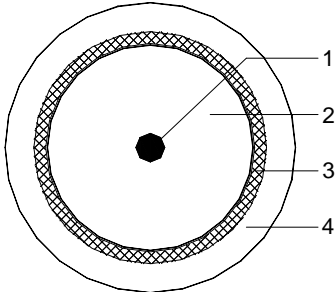


## RG59 CABLE SPECIFICATION

	<ol style="list-style-type: none"> <li>1. Conductor</li> <li>2. Dielectric</li> <li>3. Braid</li> <li>4. Sheath</li> </ol>																				
Type	Coaxial Cable																				
Code	CC																				
Category	CC59																				
Application	High Frequency Signal Transmission																				
Description	1/0.6 BC+112/0.12 BC(Braid) $\Phi$ 6.2mm																				
Conductor	1/0.6+/-0.006 BC																				
Dielectric	Material : PE Min. Thickness 1.25mm / Nom. Thickness 1.47mm / Nom. O.D 3.7+/-0.1mm Spark Voltage: 4000V a.c																				
Braiding	112/0.12+/-0.003BC / Nom. O.D 4.18mm COPPER BRAID																				
Sheath	Material : PVC / Color : Black Min. Thickness 0.82mm / Nom. Thickness $\geq$ 0.96mm / Nom. O.D 6.2+/-0.1mm Spark Voltage: 4000V a.c																				
Physical Properties	Sheath Elongation (%) : $\geq$ 100 / Sheath Tensile Strength (N/mm <sup>2</sup> ) : $\geq$ 8 Flame test: VW-1																				
Electrical Properties	Conductor Max. D.C Resistance : 89.39 $\Omega$ /km 20 <sup>o</sup> C Nominal Impedance : 75+/-3 $\Omega$ Max. Capacitance : 72pF/m Dielectric Voltage : 2000V/min <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="text-align: center;">Max. Att</td> <td style="text-align: center;">MHz</td> <td style="text-align: center;">5</td> <td style="text-align: center;">50</td> <td style="text-align: center;">100</td> <td style="text-align: center;">200</td> <td style="text-align: center;">400</td> <td style="text-align: center;">600</td> <td style="text-align: center;">800</td> <td style="text-align: center;">1000</td> </tr> <tr> <td style="text-align: center;">(dB/100m)</td> <td style="text-align: center;">dB</td> <td style="text-align: center;">2.92</td> <td style="text-align: center;">8.51</td> <td style="text-align: center;">12.3</td> <td style="text-align: center;">17.6</td> <td style="text-align: center;">25.1</td> <td style="text-align: center;">30.0</td> <td style="text-align: center;">35.5</td> <td style="text-align: center;">40.6</td> </tr> </table>	Max. Att	MHz	5	50	100	200	400	600	800	1000	(dB/100m)	dB	2.92	8.51	12.3	17.6	25.1	30.0	35.5	40.6
Max. Att	MHz	5	50	100	200	400	600	800	1000												
(dB/100m)	dB	2.92	8.51	12.3	17.6	25.1	30.0	35.5	40.6												
Marking	GARLAND CC59 RG59B/U 75 OHM AWM STYLE 1354 (With "M")																				
Packing	Available length in 100, 300, 500 & 1000m																				
Remarks	BC=Bare Copper PE=polyethylene																				