



# Structured Cable Products

Quality Installations Deserve Quality Products

## Coaxial Cable - SCP Part# RG59U-S-BL

Cross Section	Performance										
	<p><b>Electrical Characteristics:</b></p> <table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>Attenuation (dB/100m)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0.79</td> </tr> <tr> <td>10</td> <td>2.5</td> </tr> <tr> <td>100</td> <td>8.53</td> </tr> <tr> <td>400</td> <td>17.63</td> </tr> </tbody> </table>	Frequency (MHz)	Attenuation (dB/100m)	1	0.79	10	2.5	100	8.53	400	17.63
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Construction											
<b>RG59</b>											
<p><b>Center Conductor:</b> Bare Copper AWG 20</p>	<p>Dielectric Strength (kV/min) 1 Impedence (<math>\pm 3.0</math>ohms) 75 SRL (dB,5~1000MHz) <math>\geq 20</math> Capacitance (pF/m) 53.1 Conductor DCR@ 20°C (ohms/km) <math>\leq 33.8</math> Velocity Of Propagation (%) 82</p>										
<p><b>Insulate:</b> Skin Foam PE Insulation Dia.(<math>\pm 0.08</math>mm) 3.66</p>	<p><b>Mechanical Characteristics:</b></p> <p>Test Object: Jacket Test Material: PVC</p>										
<p><b>Braid Shield:</b> Bare Copper Wire Coverage Area(%) 95</p>	<p>Before Tensile strength (Mpa) <math>\geq 1.034</math> Aging Elongation (%) <math>\geq 200</math> Aging Condition (°C_hrs)</p>										
<p><b>Jacket:</b> PVC Cable Dia.(mm) 6.00</p>	<p>After Tensile strength (Mpa) <math>\geq 85\%</math> unaged Aging Elongation (%) <math>\geq 50\%</math> unaged Cold Bend (-20<math>\pm</math>2°C_4hrs) No crack</p>										
<b>POWER WIRE</b>											
<p><b>Center Conductor:</b> stranded bare copper AWG 18</p>											
<p><b>Insulate:</b> PVC Insulation Dia.(<math>\pm 0.08</math>mm) 1.77 <b>Cabling Lay Length(<math>\pm 10</math>mm)</b> 50 <b>Nominal Dia.</b> 4.4mm</p>											
<p><b>Cable Printing:</b> SCP E236426 (UL) OR C(UL) CM 1 X 20 AWG 75C MM/YY RG59/U 95% W/2C 18PWR CCTV CABLE CE &amp; RoHS *ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXFT</p>	<p><b>Packaging:</b> 1000FT/Spool <b>Weight:</b> 22.5Kg</p>										