



Structured Cable Products

Quality Installations Deserve Quality Products

Coaxial Cable - SCP Part# RG59U-S-5-J

Cross Section	Performance																								
	<p>Electrical Characteristics:</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																									
RG59																									
<p>Center Conductor: Bare Copper AWG 20</p> <p>Insulate: Skin Foam PE Insulation Dia.(±0.08mm) 3.66</p> <p>Braid Shield Bare Copper Wire Coverage Area(%) 95</p> <p>Jacket PVC Cable Dia.(mm) 6.00</p>	<p>Dielectric Strength (kV/min) 1</p> <p>Impedence (±3.0ohms) 75</p> <p>SRL (dB,5~1000MHz) ≥20</p> <p>Capacitance (pF/m) 53.1</p> <p>Conductor DCR@ 20°C(ohms/km) ≤33.8</p> <p>Velocity Of Propagation (%) 82</p>																								
POWER WIRE																									
<p>Center Conductor: stranded bare copper AWG 18</p> <p>Insulate: PVC Insulation Dia.(±0.08mm) 1.77 Cabling Lay Length(±10mm) 50</p> <p>Outer Jacket PVC Outer Dia(±0.2mm) 7.3x10.45</p>	<p>Mechanical Characteristics:</p> <table border="1"> <thead> <tr> <th>Test Object:</th> <th>Test Material</th> <th>Jacket</th> </tr> </thead> <tbody> <tr> <td>Before Tensile strength (Mpa)</td> <td></td> <td>PVC</td> </tr> <tr> <td>After Tensile strength (Mpa)</td> <td></td> <td>≥1.034</td> </tr> <tr> <td>Aging Elongation (%)</td> <td></td> <td>≥200</td> </tr> <tr> <td>Aging Condition (°C_hrs)</td> <td></td> <td></td> </tr> <tr> <td>After Tensile strength (Mpa)</td> <td></td> <td>≥85% unaged</td> </tr> <tr> <td>Aging Elongation (%)</td> <td></td> <td>≥50% unaged</td> </tr> <tr> <td>Cold Bend (-20±2°C_4hrs)</td> <td></td> <td>No crack</td> </tr> </tbody> </table>	Test Object:	Test Material	Jacket	Before Tensile strength (Mpa)		PVC	After Tensile strength (Mpa)		≥1.034	Aging Elongation (%)		≥200	Aging Condition (°C_hrs)			After Tensile strength (Mpa)		≥85% unaged	Aging Elongation (%)		≥50% unaged	Cold Bend (-20±2°C_4hrs)		No crack
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<p>Cable Printing: SCP E236426 (UL) OR C(UL) CM 1 X 20 AWG 75C MM/YY RG59/U 95% W/2C 18PWR CCTV CABLE CE & RoHS *ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXXFT</p>	<p>Packaging: 500FT/Spool</p> <p>Weight: 13Kg</p>																								