

# CRG141

Semi-Rigid, Low-Loss,

High Temperature Resistance, Coaxial Cable



## Structure & Dimension

|   | Structure       | Dimension (mm) | Material   |
|---|-----------------|----------------|--|
| 1 | Inner Conductor | 0.99           | Silver Plated Copper   |
| 2 | Insulating      | 3.00           | PTFE   |
| 3 | Outer Conductor | 3.58           | Seamless Annealed Copper Tube<br>Seamless Annealed Copper Tube Plating Ternary Alloy |

## Specification

|   |                              |          |
|---|------------------------------|----------|
| 1 | Operating Frequency (GHz)    | 26.5     |
| 2 | Impedance (Ohms)             | 50       |
| 3 | Velocity of Propagation      | 76%      |
| 4 | Voltage Withstand (V, DC)    | 1000     |
| 5 | Shielding Effectiveness (dB) | >165     |
| 6 | Weight (g/m)                 | 45       |
| 7 | Minimum Bend Radius (mm)     | 10.00    |
| 8 | Temperature Range (°C)       | -55~+250 |

## Attenuation VS. Frequency VS. Power

|                    |       |       |       |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Frequency (MHz)    | 1000  | 2000  | 4000  | 6000  | 8000  | 10000 | 12400 | 18000 | 26500 |
| Attenuation (dB/m) | 0.317 | 0.455 | 0.657 | 0.817 | 0.956 | 1.081 | 1.218 | 1.503 | 1.877 |
| Average Power (KW) | 0.550 | 0.383 | 0.265 | 0.213 | 0.182 | 0.161 | 0.143 | 0.116 | 0.093 |



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