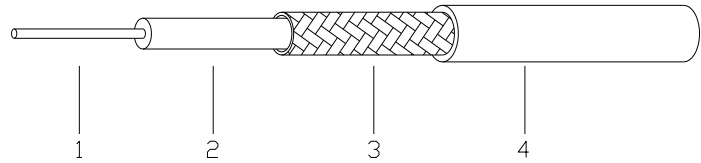


## RG 303



### Construction Specification

|                   | Material                        | Diameter(mm) |       |
|-------------------|---------------------------------|--------------|-------|
|                   |                                 | mm           | inch  |
| 1.Inner Conductor | Silver Plated Copper Clad Steel | 0.94         | 0.037 |
| 2.Dielectric      | PTFE                            | 3            | 0.118 |
| 3.Outer Conductor | Silver Plated Copper Braid      | 3.50         | 0.138 |
| 4.Jacket          | FEP                             | 4.32         | 0.17  |

### Electrical Characteristics

|                         |                            |
|-------------------------|----------------------------|
| Capacitance             | 101.05 Pf/m    30.95 pf/Ft |
| Impedance               | 50 Ohms                    |
| Velocity(%)             | 66                         |
| Max.Oper Voltage        | 1900 VMS                   |
| Max.Oper Frequency(MHz) | 12400 MHz                  |
| Operating Temp(°C)      | -20 to +80                 |

### Mechanical Characteristics

|                    |                    |
|--------------------|--------------------|
| Bending Radius(mm) | 25 mm    0.98 inch |
|--------------------|--------------------|

### Environmental Characteristics

|                    |            |
|--------------------|------------|
| Operating Temp(°C) | -20 to +80 |
|--------------------|------------|

### Attenuation

| Frequency(MHz) | Attenuation (dB/100m) |           |
|----------------|-----------------------|-----------|
|                | dB/100 m              | dB/100 Ft |
| 100            | 13.1                  | 3.99      |
| 400            | 26.9                  | 8.20      |
| 1000           | 44.0                  | 13.41     |
| 3000           | 81.4                  | 24.82     |
| 5000           | 109.9                 | 33.51     |
| 11000          | 177.5                 | 54.12     |

