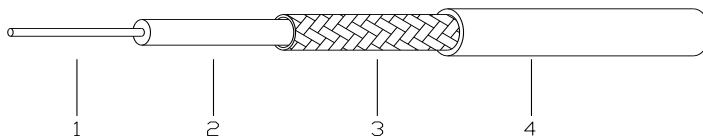


## RG 179 FEP



### Construction Specification

|                   | Material                        | Diameter(mm) |         |
|-------------------|---------------------------------|--------------|---------|
|                   |                                 | mm           | inch    |
| 1.Inner Conductor | Silver Plated Copper Clad Steel | 7x0.102      | 7x0.004 |
| 2.Dielectric      | FEP                             | 1.6          | 0.063   |
| 3.Outer Conductor | Silver Plated Copper Braid      | 2.04         | 0.080   |
| 4.Jacket          | FEP                             | 2.54         | 0.100   |

### Electrical Characteristics

|                         |          |             |
|-------------------------|----------|-------------|
| Capacitance(PF/m)       | 64 Pf/m  | 19.60 pf/Ft |
| Impedance(ohm)          | 75 Ohms  |             |
| Velocity(%)             | 70       |             |
| Max.Oper Voltage(VMS)   | 900 VMS  |             |
| Max.Oper Frequency(MHz) | 3000 MHz |             |

### Mechanical Characteristics

|                    |       |            |
|--------------------|-------|------------|
| Bending Radius(mm) | 10 mm | 0.394 inch |
|--------------------|-------|------------|

### Environmental Characteristics

|                    |             |  |
|--------------------|-------------|--|
| Operating Temp(°C) | -55 to +150 |  |
|--------------------|-------------|--|

### Attenuation

| Frequency(MHz) | Attenuation (dB/100m) |           |
|----------------|-----------------------|-----------|
|                | dB/100 m              | dB/100 Ft |
| 100            | 26.6                  | 8.110     |
| 400            | 54.1                  | 16.494    |
| 1000           | 86.9                  | 26.494    |