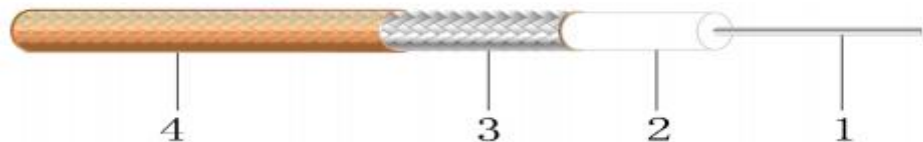


RG316 coax cable often be used for radio frequency signal transmission, or also be used in wireless, broadcast networking and military equipments. RG316 cable may also be used for high frequency interconnections between PCBs in telecommunications equipment.

RG316 coax cable can be buried directly, can work on high temperature environments (200°C) .



#### Ordering Information

Item No.	<b>RG-316</b>
Series No.	<b>S101</b>

#### Mechanical Construction

Property	Material	Diameter(mm)
Inner conductor	Silver Covered Copper (SPC)	7/0.175±0.005 (φ0.52)
Dielectric	White Solid PTFE	φ1.52±0.05
Braiding	Silver Plated Copper (SPC)	5*16/0.10 (1.92)
Jacket	Brown FEP	φ2.50±0.08

#### Electrical Properties

Property	Value
Standard	MIL-C-17
Characteristics Impedance	50±2 Ω
Rated capacitance	101±5 pf/m
Velocity	70.00%
Max operating voltage	2000 VMS
Max Operating frequency	6000 MHz

**Attenuation**

Frequency(MHz)	Attenuation(20°C, dB/100m)
100	27.2
400	57.4
1000	95.1
2000	133.6
3000	175.7
4000	215.5
6000	271.3

**Electrical Properties**

Property	Value
Minimum bending radius	15 mm
Operating temperature	-55 ~ +200°C
ROHS	Compliant