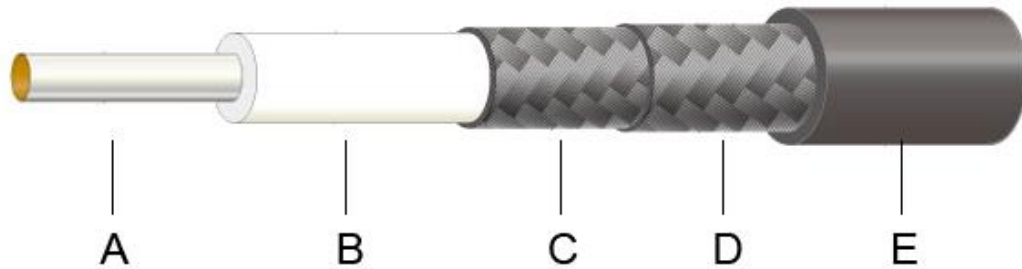


RG142



1 Product Structure

	Designation	Material	Diameter (mm)
A	Inner Conductor	Silver Plated Copper	0.93 ± 0.03
B	Dielectric	PTFE	2.98 ± 0.05
C	First Shield	95% Silver Plated Copper Braid	Nom.3.46
D	Second Shield	95% Silver Plated Copper Braid	Nom.3.98
E	Jacket	FEP	4.95 ± 0.10

2 Electrical Specifications

Impedance	50 Ohm
Capacitance (pFm)	96.45
Velocity of Propagation	69.5%
Max Operating Voltage(RMS)	1400.0

3 Attenuation and Average Power

Frequency (MHz)	Attenuation (dB/100M)
100	14.4
400	29.4
1000	48.3
3000	89.8
5000	120.8

4 Environment Specifications

Operating Temperature	-40°C ~ +85°C
RoHS	Compliant