



## RG 316 CABLE DS (DOUBLE SHIELDED)

CONSTRUCTION		
Item	Material	Diameter (mm)
Inner conductor	Silver Plated Copper Covered Steel	0.51
Dielectric	PTFE	1.52
First Shield	Silver plated Copper Braid	
Second Shield	Silver plated Copper Braid	2.39
Jacket	FEP, Tan	2.9 mm

ELECTRICAL SPECIFICATION	
Cutoff Frequency	3Ghz
Impedance	50 Ω
Capacitance	29.4pF/ft (96.46pF/m)
Shielding Effectiveness	90dB
Inner Conductor	4.28ohms/1000ft(14.1ohms/km)
Outer Conductor	3.89ohms/1000ft(12.8ohms/km)
Voltage Withstand	1200VoltsDC
Bend Radius	0.59 (14.99mm)
Velocity of Propagation	70%
Operating temperature range	-55 to 200 °C

Attenuation (at 20°C)	
Frequency (MHz)	Maximum (dB / 100 ft)
10	2.5
30	4.3
50	5.6
100	8
400	16
1000	26
1500	32
2000	38
2500	42