



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	
Impedence (Ω)	50 \pm 2	
Capacitance (pF/m)	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 (Vrms)	1200VoltsDC	
Bend Radius	0.59 (14.99mm)	
Velocity of Propagation	70%	
Operating Temperature Range	-55 to 200 °C	
ATTENUATION AT 20°C (dB/100m)		
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	