


## Коаксиальные кабели серии RG

Product Type		LMC RG142		
Structure Drawing				
Structure Characteristic				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.93		
	Nom.Dia(mm)	0.93		
Insulation	Material	PTFE		
	Nom.Dia(mm)	2.98		
Inner shield	Material	Silver Plated Copper Wire		
	Nom.Dia(mm)	3.50		
Outer shield	Material	Silver Plated Copper Wire		
	Nom.Dia(mm)	4.00		
Jacket	Material	FEP		
	Nom.Dia(mm)	4.95		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
		Frequency (MHz)	Attenuation (dB/m)	Power handling (w)
Impedance ( $\Omega$ )	50 $\pm$ 2	0.1GHz	0.13	1300
Capacitance(pF/m)	95	0.4GHz	0.26	650
Velocity( %)	70	0.9GHz	0.40	433
VSWR	$\leq 1.15@DC-3GHz$	1.2GHz	0.46	375
		1.5GHz	0.52	336
Max Operating Voltage(v)	1400	1.8GHz	0.57	307
		2.0GHz	0.61	291
Max Operating Frequency(GHz)	12.4	2.5GHz	0.69	260
		3.0GHz	0.78	236
Screening Effectiveness (dB)	> 80	5.0GHz	1.05	194
		6.0GHz	1.32	170
Mechanical & Environmental Characteristics				
Min Bending Radius/Single		mm	25	
Min Bending Radius/Repeated		mm	50	
Weight		kg/M	0.08	
Operating Temperature		°C	-55+200	