

RG 214 (LSZH)

Construction:

Conductor	Silver plated copper (7x0,75)	2,25
Dielectric	Soild PE	7,24
Braid	2x Silver plated copper (0,16)	8,70
Jacket	HFS 80 T, Black	10,80
Weight		195 kg/km
Temperature rating (°C)		-40 / +85°C



Notes:

All dimensions nominal ($\pm 4\%$)
unless otherwise stated.
All dimensions in mm.

Electrical:

Impedance	50 $\pm$ 2 Ohms
Capacitance	101 pF/m
Velocity of signal propagation	66 %
Signal delay	4.9 ns/m
Working voltage, AC r.m.s.	3700 max
Working voltage, DC	7400 max
Attenuation, typical values (nominal values at an air temperature of +20°C)	see table
Power, typical values (ambient temperature of 40°C at sea level and VSWR 1.0)	see table
Suitable for frequencies	up to 2,5 GHz
Shielding effectiveness	typically -80 dB/m

Attenuation	
MHz	dB/100m
100	6
200	9
400	13
900	21
1200	24
1500	28
1800	32
2000	34
2500	39

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 50mm
Minimum bend radius (MBR) dynamic use	multiple bends: 100mm

Average Power	
MHz	W
100	900
200	636
400	320
900	213
1200	155
1500	139
1800	105
2000	100
2500	89