

RG 214 (LS0H)

Coaxial - PE

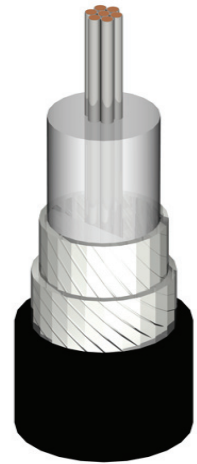
Alternatives:

PVC jacketed version,
RG 214:
36000-214-00

Construction:

Conductor
Dielectric
Braid
Jacket
Weight
Temperature rating (°C)
Order reference

Silver plated copper (7x0,75) 2,25
Solid PE 7,24
2x Silver plated copper (0,16) 8,70
HFS 80 T, Black 10,80
195 kg/km
-40 / +85°C
36000-214-01



Notes:

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

Electrical:

Impedance 50 ± 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 see table
(nominal values at an air temperature of +20°C)
Power, typical values see table
(ambient temperature of 40°C at sea level and VSWR 1.0)
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

Data provided indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and is subject to change without prior notice. These products are manufactured generally in accordance with the Mil Spec. in terms of design parameters and performance. Habia are not qualified to release product to the appropriate QPL.

Ref: CC-eRG214-02
Date: 2007-04-27
Approved by: 