

**Alternatives:**

RG 223:  
**36000-223-00**

RG 223 (LS0H):  
**36000-223-01**

**Construction:**

Conductor	Tin plated copper (1x0,89)	0,89
Dielectric	Soild PE	2,95
Braid	Foil & Tin plated copper (0,13)	3,70
Jacket	HFS 80, Black	4,90
Weight	43 kg/km	
Temperature rating (°C)	-25 / +80°C	
Order reference	<b>401-61233-030</b>	



**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.	1400 max
Working voltage, DC	2800 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	13
200	19
400	29
900	45
1200	54
1500	61
1800	69
2000	73
2500	83

**Environmental & Mechanical:**

Minimum bend radius (MBR) single bend (installation)	single bend: 25mm
Minimum bend radius (MBR) dynamic use	multiple bends: 50mm

Average Power	
MHz	W
100	200
200	141
400	86
900	57
1200	46
1500	41
1800	32
2000	30
2500	27

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.

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Approved by: 