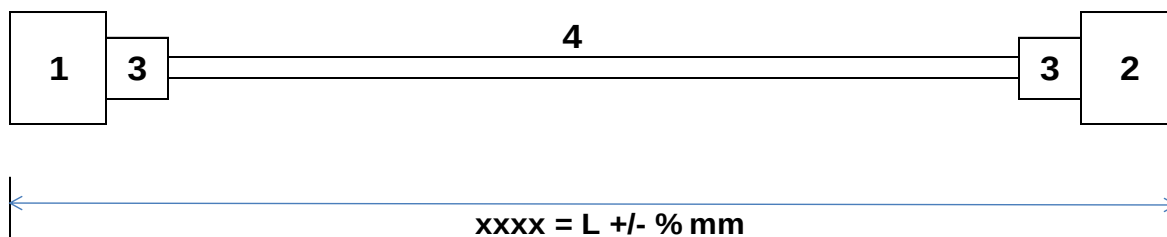


Flexible Coaxial Cable Assembly

RG 223 SMA straight plug / N straight plug

309-0341-xxxxA



List Nomenclature

1. SMA straight plug connector	A01077
2. Black Protective Sleeve	A21030
3. N straight plug connector	A03191
4. Coaxial Cable	A91003 (RG223/U)

Electrical Specifications

Impedance	:	50 $\pm$ 2 Ohms
Operating Frequency	:	DC to 8 GHz
Velocity of Propagation	:	69,5%
Voltage Withstand	:	1500 Veff

Insertions Losses

Frequency (MHz)	500	1500	3000	6000	8000
Insertions Losses max (dB/m)	0,42	0,80	1,19	1,79	2,25

Mechanical Specifications

Inner Conductor	Solid	$\varnothing = 0,9 \text{ mm}$ (0.04 inches)
Dielectric	PE	
Braid 1	CuAg	
Braid 2	CuAg	
Jacket	PVC	$\varnothing = 5,5 \text{ mm}$ (0.21 inches)

Environmental Specifications

Operating Temperature Range	:	-40°C à +85°C
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Conditions of delivery

Mechanical check	:	Length
Electrical test	:	Continuity / Rigidity