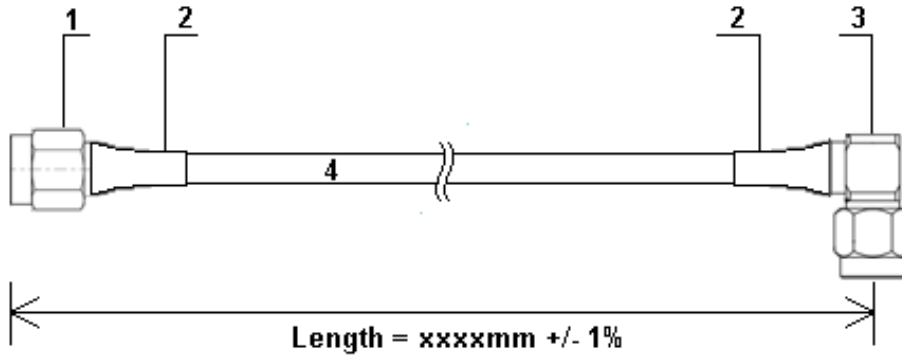


Flexible Coaxial Cable Assembly RG142 - SMA Straight plug / SMA Right Angle Plug 308-0315-xxxxA



List Nomenclature

1. SMA straight plug connector	A01077
2. White Protective Sleeve	A21023
3. SMA right angle plug connector	A01097
4. Coaxial Cable	A91051 (RG142B/U)

Electrical Specifications

Impedance	:	50 ± 2 Ohms
Operating Frequency	:	DC to 8 GHz
Velocity of Propagation	:	70%
Voltage Withstand	:	1500 Veff

Insertions Losses

Frequency (MHz)	500	1500	3000	6000	8000
Insertions Losses max (dB/m)	0,48	0,73	1,06	1,65	1,97

Mechanical Specifications

Inner Conductor	Solid SCCS
Dielectric	PTFE
Braid 1	CuAg
Braid 2	CuAg
Jacket	FEP $\varnothing = 4,95$ mm (0,19 inches)
Rayon de courbure	: 17,40mm (0,685 inches)

Environmental Specifications

Operating Temperature Range	:	-45°C à +125°C
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Conditions of delivery

Mechanical check	:	Length
Electrical test	:	Continuity / Rigidity