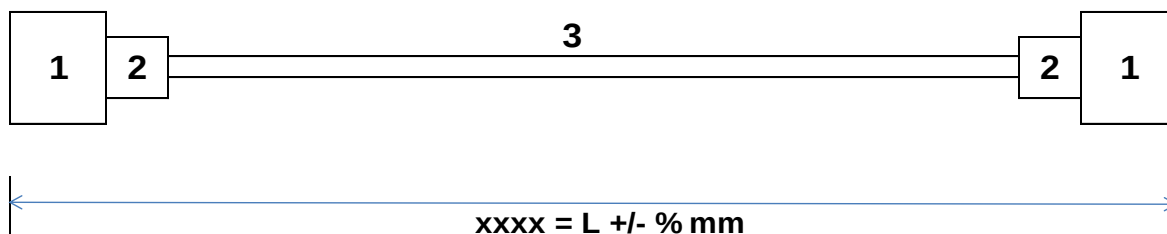


Flexible Coaxial Cable Assembly RG 142 N straight plug / N straight plug 308-4141-xxxxA



List Nomenclature

- | | |
|------------------------------|-------------------|
| 1. N straight plug connector | A03191 |
| 2. Black Protective Sleeve | A20007 |
| 3. Coaxial Cable | A91051 (RG142B/U) |

Electrical Specifications

Impedance	:	50 $\pm$ 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)	0,36	0,66	1,02	1,58	1,95

Mechanical Specifications

Inner Conductor	Solid	$\varnothing = 0,94 \text{ mm}$ (0,04 inches)
Dielectric	PTFE	$\varnothing = 2,95 \text{ mm}$ (0,12 inches)
Braid 1	CuAg	$\varnothing = 3,54 \text{ mm}$ (0,14 inches)
Braid 2	CuAg	$\varnothing = 4,10 \text{ mm}$ (0,16 inches)
Jacket	FEP	$\varnothing = 4,95 \text{ mm}$ (0,19 inches)

Environmental Specifications

Operating Temperature Range	:	-55°C à +150°C
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Conditions of delivery

Mechanical check	:	Length
Electrical test	:	Continuity / Rigidity