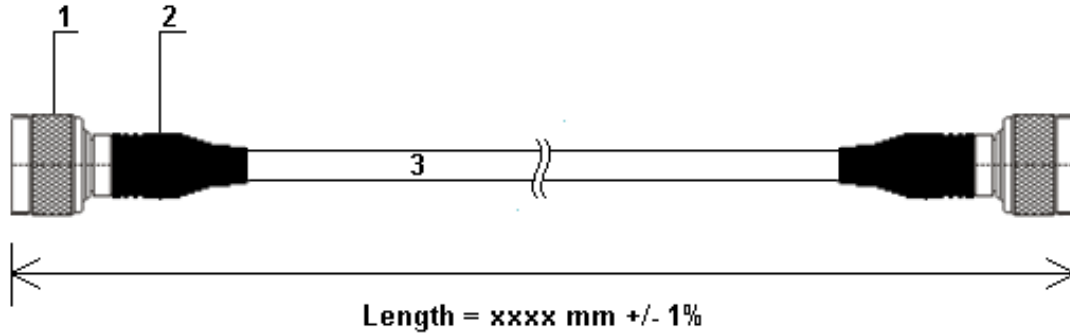


Flexible Coaxial Cable Assembly RG-142 N Straight Plug / N Straight Plug 308-4141-xxxxA



List Nomenclature

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

Electrical Specifications

Impedance	:	50 ± 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 SCCS	
Dielectric	PTFE	
Braid 1	CuAg	
Braid 2	CuAg	
Jacket	FEP	Ø = 4,95 mm (0,19 inches)

Rayon de courbure : 17,40mm (0,685 inches)

Environmental Specifications

Operating Temperature Range : -45°C à +125°C

Conditions of delivery

Mechanical check	:	Length
Electrical test	:	Continuity / Rigidity