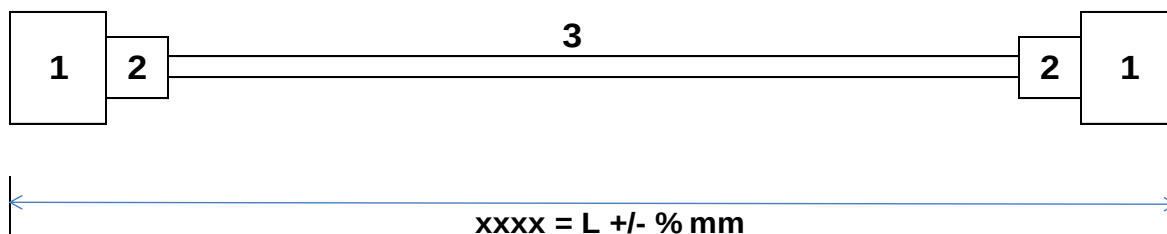


## Flexible Coaxial Cable Assembly RG 142 N straight plug / N straight plug 308-4141-xxxxA



### 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 | Ø = 0,94 mm (0,04 inches) |
| Dielectric      | PTFE  | Ø = 2,95 mm (0,12 inches) |
| Braid 1         | CuAg  | Ø = 3,54 mm (0,14 inches) |
| Braid 2         | CuAg  | Ø = 4,10 mm (0,16 inches) |
| Jacket          | FEP   | Ø = 4,95 mm (0,19 inches) |

### Environmental Specifications

|                             |   |                |
|-----------------------------|---|----------------|
| Operating Temperature Range | : | -55°C à +150°C |
|-----------------------------|---|----------------|

### Conditions of delivery

|                  |   |                       |
|------------------|---|-----------------------|
| Mechanical check | : | Length                |
| Electrical test  | : | Continuity / Rigidity |