

## RF Cable Assembly

**ST18A/11N/11N/3000mm**      **Item: 84013031**

## Description

Sucotest 18A armoured test assemblies offer excellent electrical performance (low insertion loss combined with unique stability and excellent return loss) for heavy duty, outdoor and harsh environment measurements up to 18 GHz.



## Product Configuration

|                              |   |      |          |
|------------------------------|---|------|----------|
| Cable                        | Sucotest 18A                                    |      |          |
| Type Description Connector A | SF_11_N-468                                     |      |          |
| Series Connector A           | N   | plug | straight |
| Type Description Connector B | SF_11_N-468                                     |      |          |
| Series Connector B           | N   | plug | straight |
| Armour                       | Steel wire spring, steel braid, TPU jacket blue |      |          |
| Length                       | 3000 mm REF to REF                              |      |          |

## Technical Data

| Electrical Data              |                         |              |  |
|------------------------------|-------------------------|--------------|--|
| Impedance                    | 50 Ω                    |              |  |
| Operating Frequency (max.)   | 18 GHz                  |              |  |
| Return Loss (min.)           | -19 dB                  | VSWR : 1.253 |  |
| Insertion Loss (max)         | 3.85 dB                 |              |  |
| Signal delay                 | 4.3 ns/m                |              |  |
| Velocity of propagation      | 77 %                    |              |  |
| Mechanical Data              |                         |              |  |
| Diameter cable               | 10.3 mm                 |              |  |
| Bending radius static (min.) | 30 mm                   |              |  |
| Flex Life (cycles)           | 100000                  |              |  |
| Weight                       | 0.7 kg                  |              |  |
| Environmental Data           |                         |              |  |
| Operating temperature        | -40 °C to + 85 °C       |              |  |
| Water protection             | IP68 In mated condition |              |  |
| 2011/65/EU (RoHS)            | compliant               |              |  |
| 2012/19/EU (WEEE)            | relevant                |              |  |
| 2006/1907/EC (REACH)         | compliant               |              |  |