

## RF Cable Assembly

**SF526S/11N/11N/500mm**      **Item: 85092331**

## Description

SUCOFLEX 526S microwave cable assemblies set a new measurement standard through 26.5 GHz.



## Product Configuration

|                              |                   |      |          |
|------------------------------|-------------------|------|----------|
| Cable                        | SUCOFLEX 526S     |      |          |
| Type Description Connector A | SF_11_N-501       |      |          |
| Series Connector A           | N                 | plug | straight |
| Type Description Connector B | SF_11_N-501       |      |          |
| Series Connector B           | N                 | plug | straight |
| Length                       | 500 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)            | 0.82 dB              |              |
| Signal delay                    | 4.3 ns/m             |              |
| Velocity of propagation         | 77 %                 |              |
| Screening effectiveness         | ≥ 90 dB up to 18 GHz |              |
| Amplitude stability vs. Flexure | ±0.05 dB             |              |
| Phase stability vs. Flexure     | 0.2 ° / GHz          |              |
|                                 |                      |              |
| Mechanical Data                 |                      |              |
| Diameter cable                  | 7.7 mm               |              |
| Bending radius static (min.)    | 25.4 mm              |              |
| Flex Life (cycles)              | 100000               |              |
| Weight                          | 0.17 kg              |              |
|                                 |                      |              |
| Environmental Data              |                      |              |
| Operating temperature           | -55 °C to + 73 °C    |              |
| 2011/65/EU (RoHS)               | compliant            |              |
| 2012/19/EU (WEEE)               | relevant             |              |
| Product lead-free soldered      | yes                  |              |
| 2006/1907/EC (REACH)            | compliant            |              |