

## RF Cable Assembly

SF526S/11PC35/21PC35/1000mm      Item: 85093184

## 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_PC35-501     |      |          |
| Series Connector A           | 3.5mm              | plug | straight |
| Type Description Connector B | SF_21_PC35-501     |      |          |
| Series Connector B           | 3.5mm              | jack | straight |
| Length                       | 1000 mm REF to REF |      |          |

## Technical Data

| Electrical Data                 |                        |              |
|---------------------------------|------------------------|--------------|
| Impedance                       | 50 Ω                   |              |
| Operating Frequency (max.)      | 26.5 GHz               |              |
| Return Loss (min.)              | -19 dB                 | VSWR : 1.253 |
| Insertion Loss (max)            | 1.77 dB                |              |
| Signal delay                    | 4.3 ns/m               |              |
| Velocity of propagation         | 77 %                   |              |
| Screening effectiveness         | ≥ 90 dB up to 26.5 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                          | 0.16 kg                |              |
|                                 |                        |              |
| Environmental Data              |                        |              |
| Operating temperature           | -55 °C to + 125 °C     |              |
| 2011/65/EU (RoHS)               | compliant              |              |
| 2012/19/EU (WEEE)               | relevant               |              |
| 2006/1907/EC (REACH)            | compliant              |              |

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