

RF Cable Assembly

SF526S/11PC35/11PC35/3500mm Item: 85092090

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_11_PC35-501 | | |
| Series Connector B | 3.5mm | plug | straight |
| Length | 3500 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) | 5.53 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 | 0.52 kg |
| Environmental Data | |
| Operating temperature | -55 °C to + 125 °C |
| 2011/65/EU (RoHS) | compliant |
| 2012/19/EU (WEEE) | relevant |
| Product lead-free soldered | yes |
| 2006/1907/EC (REACH) | compliant |