

RF Cable Assembly

PMASF126E/11PC35/11PC35/610mm **Item: 85080284**

Description

The SUCOFLEX 126_E high end cable assemblies are designed to provide optimal performance up to 26.5 GHz where stringent electrical requirements – in particular stability and low loss, are important.



Product Configuration

| | | | |
|------------------------------|-------------------|------|----------|
| Cable | SUCOFLEX 126E | | |
| Type Description Connector A | SF_11_PC35-43 | | |
| Series Connector A | 3.5mm | plug | straight |
| Type Description Connector B | SF_11_PC35-43 | | |
| Series Connector B | 3.5mm | plug | straight |
| Length | 610 mm REF to REF | | |
| | 24 inches | | |

Technical Data

| Electrical Data | |
|---------------------------------|--------------------------|
| Impedance | 50 Ω |
| Operating Frequency (max.) | 26.5 GHz |
| Return Loss (min.) | -16.5 dB VSWR : 1.352 |
| Insertion Loss (max) | 1.27 dB |
| Velocity of propagation | 77 % |
| Screening effectiveness | ≥ 90 dB up to 18 GHz |
| Amplitude stability vs. Flexure | ±0.2 dB |
| Phase stability vs. Flexure | 0.9 ° / GHz |
| Mechanical Data | |
| Diameter cable | 5.5 mm |
| Bending radius static (min.) | 16 mm |
| Environmental Data | |
| Operating temperature | -40 °C to + 85 °C |
| 2011/65/EU (RoHS) | compliant |
| 2012/19/EU (WEEE) | relevant |
| 2006/1907/EC (REACH) | compliant |

Additional information

| | |
|---------------------|--------------------------------|
| General Information | Absolute phase matched +/- 1ps |
|---------------------|--------------------------------|