

## RF Cable Assembly

SF102/11SK/11SK/1000mm Item: 84017149

### Description

The SUCOFLEX 102 high end cable assemblies are designed to provide optimal performance up to 40 GHz where stringent electrical requirements – in particular stability and low loss, are important.



### Product Configuration

Cable	SUCOFLEX 102		
Type Description Connector A	SF_11_SK-252		
Series Connector A	2.92mm	plug	straight
Type Description Connector B	SF_11_SK-252		
Series Connector B	2.92mm	plug	straight
Length	1000 mm REF to REF		

### Technical Data

Electrical Data	
Impedance	50 Ω
Operating Frequency (max.)	40 GHz
Return Loss (min.)	-14.9 dB VSWR : 1.439
Insertion Loss (max)	3.21 dB
Signal delay	4.3 ns/m
Velocity of propagation	77 %
Amplitude stability vs. Flexure	±0.2 dB
Phase stability vs. Flexure	1.2 ° / GHz
Mechanical Data	
Diameter cable	4 mm
Bending radius static (min.)	12 mm
Weight	0.05 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