## **Data Sheet**



RF Cable Assembly SF102E/11SK/11SK/610mm Item: 85080287

## **Description**

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



## **Product Configuration**

Cable	SUCOFLEX 102E	
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	610 mm REF to REF	
	24 inches	

## **Technical Data**

Electrical Data	
Impedance	50 Ω
Operating Frequency (max.)	40 GHz
Return Loss (min.)	-14.9 dB VSWR: 1.439
Insertion Loss (max)	2.22 dB
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
Environmental Data	
Operating temperature	-40 °C to + 85 °C
2011/65/EU (RoHS)	compliant
2012/19/EU (WEEE)	relevant
2006/1907/EC (REACH)	compliant

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