

## RF Cable Assembly

**SF104/11SMA/11SMA/1000mm**      **Item: 84016755**

### Description

The SUCOFLEX 104 high end cable assemblies are designed to provide optimal performance up to 18 GHz where stringent electrical requirements – in particular stability and low loss, are important.



### Product Configuration

Cable	SUCOFLEX 104		
Type Description Connector A	SF_11_SMA-451		
Series Connector A	SMA	plug	straight
Type Description Connector B	SF_11_SMA-451		
Series Connector B	SMA	plug	straight
Length	1000 mm REF to REF		

### Technical Data

Electrical Data			
Impedance	50 Ω		
Operating Frequency (max.)	18 GHz		
Return Loss (min.)	-19 dB	VSWR : 1.253	
Insertion Loss (max)	1.43 dB		
Signal delay	4.3 ns/m		
Velocity of propagation	77 %		
Amplitude stability vs. Flexure	±0.2 dB		
Phase stability vs. Flexure	1.7 ° / GHz		
Mechanical Data			
Diameter cable	5.5 mm		
Bending radius static (min.)	16 mm		
Weight	0.08 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		