

RF Cable Assembly

SF550S/11SK/11SK/1000mm **Item: 85118944**

Description

SUCOFLEX 550S microwave cable assemblies set a new measurement standard through 50 GHz



Product Configuration

Cable	SUCOFLEX 550S		
Type Description Connector A	SF_11_SK-501		
Series Connector A	2.92mm	plug	straight
Type Description Connector B	SF_11_SK-501		
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)	3.72 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	6.1 mm	
Bending radius static (min.)	25.4 mm	
Flex Life (cycles)	100000	
Weight	0.1 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	