

RF Cable Assembly

SF550S/11SK/21SK/48in **Item: 85123658**

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_21_SK-501		
Series Connector B	2.92mm	jack	straight
Length	1219 mm REF to REF		
	48 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)	4.65 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	0.13 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		