

RF Cable Assembly SF550E/11SK/21SK/36in Item: 85159690

Description

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



Product Configuration

Cable	SUCOFLEX 550E		
Type Description Connector A	SF_11_SK-503		
Series Connector A	2.92mm	plug	straight
Type Description Connector B	SF_21_SK-503		
Series Connector B	2.92mm	jack	straight
Length	914 mm REF to REF		
	36 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)	3.57 dB		
Signal delay	4.3 ns/m		
Velocity of propagation	77 %		
Screening effectiveness	≥ 90 dB up to 26.5 GHz		
Amplitude stability vs. Flexure	±0.1 dB		
Phase stability vs. Flexure	0.35 ° / GHz		
Mechanical Data			
Diameter cable	3.7 mm		
Bending radius static (min.)	11 mm		
Flex Life (cycles)	100000		
Weight	0.06 kg		
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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