

RF Cable Assembly

SF526S/11SMA/11N/500mm

Item: 85096088

Description

SUCOFLEX 526S microwave cable assemblies set a new measurement standard through 26.5 GHz



Product Configuration

Cable	SUCOFLEX 526S		
Type Description Connector A	SF_11_SMA-501		
Series Connector A	SMA	plug	straight
Type Description Connector B	SF_11_N-501		
Series Connector B	N	plug	straight
Length	500 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)	0.82 dB	
Signal delay	4.3 ns/m	
Velocity of propagation	77 %	
Screening effectiveness	≥ 90 dB up to 18 GHz	
Amplitude stability vs. Flexure	±0.05 dB	
Phase stability vs. Flexure	0.2 ° / GHz	
Mechanical Data		
Diameter cable	7.7 mm	
Bending radius static (min.)	25.4 mm	
Flex Life (cycles)	100000	
Weight	0.13 kg	
Environmental Data		
Operating temperature	-55 °C to + 73 °C	
2011/65/EU (RoHS)	compliant	
2012/19/EU (WEEE)	relevant	
Product lead-free soldered	yes	
2006/1907/EC (REACH)	compliant	

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