

RF Cable Assembly

SF526S/11SMA/11SMA/500mm Item: 85092334

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_SMA-501		
Series Connector B	SMA	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	0.1 kg
Environmental Data	
Operating temperature	-55 °C to + 125 °C
2011/65/EU (RoHS)	compliant
2012/19/EU (WEEE)	relevant
Product lead-free soldered	yes
2006/1907/EC (REACH)	compliant