

MICROWAVE TEST ASSEMBLIES, SMA (male), SMA (male), 50 Ohm, 18 GHz, 500mm

SF526S/11SMA/11SMA/500mm

Properties

- Applicable up to 18 GHz
- High phase- and amplitude stability with flexure and movement
- Excellent insertion and return loss
- Precise and repeatable measurements
- Long life time - lower measurement cost



Product configuration	
Type of cable	SUCOFLEX_526_S
Type description connector A	SF_11_SMA-501
Series connector A	SMA, straight - plug
Type description connector B	SF_11_SMA-501
Series connector B	SMA, straight - plug
Length	500 mm
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	18 GHz
Min. return loss	19 dB
VSWR max	1.253
Max. insertion loss	0.82 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.05 dB
Phase stability vs. flexure	+/- 3 °

Mechanical data	
Weight	0.1 kg
Cable diameter	7.7 mm
Static bending radius	25.4 mm

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Operation temperature	-55 °C ... 125 °C
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Material compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
85092334	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Comment

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

Ordering information

Item number	Item description
85092334	SF526S/11SMA/11SMA/500mm

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