

MICROWAVE TEST ASSEMBLIES, 3.5mm (male), 3.5mm (female), 50 Ohm, 26.5 GHz, 1000mm

SF526S/11PC35/21PC35/1000mm

Properties

- Applicable up to 26.5 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_PC35-501
Series connector A	PC 3.5, straight - plug
Type description connector B	SF_21_PC35-501
Series connector B	PC 3.5, straight - jack
Length	1000 mm
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	26.5 GHz
Min. return loss	19 dB
VSWR max	1.35
Max. insertion loss	1.77 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	26.5 GHz
Amplitude stability vs. flexure	+/- 0.05 dB
Phase stability vs. flexure	+/- 3 °

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 18 GHz	19 dB	1.253	

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Mechanical data	
Weight	0.16 kg
Cable diameter	7.7 mm
Static bending radius	25.4 mm

Environmental data	
Operation temperature	-55 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85093184	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
85093184	SF526S/11PC35/21PC35/1000mm

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