

MICROWAVE TEST ASSEMBLIES, 3.5mm (male), 3.5mm (male), 50 Ohm, 26.5 GHz, 24in

SF526E/11PC35/11PC35/24in

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_E
Type description connector A	SF_11_PC35-510
Series connector A	PC 3.5, straight - plug
Type description connector B	SF_11_PC35-510
Series connector B	PC 3.5, straight - plug
Length	610 mm
Length	24 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	26.5 GHz
Min. return loss	16.6 dB
VSWR max	1.35
Max. insertion loss	1.18 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.1 dB
Phase stability vs. flexure	+/- 8 °

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	
Cable diameter	5.5 mm
Static bending radius	16 mm

Environmental data	
Operation temperature	-40 °C ... 85 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85207923	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

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

Ordering information	
Item number	Item description
85207923	SF526E/11PC35/11PC35/24in

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DOCUMENT PIM-P37402 / Date of publication: 10.04.2025 / uncontrolled copy