

# 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
Series connector B	PC 3.5, straight - plug
Length	610 mm
	24 inch
Length type	REF to REF

Electrical data	
Impedance	50 $\Omega$
Max. operating frequency	26.5 GHz
Min. return loss	16.6 dB
VSWR max	1.35 dB
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
0 GHz ... 18 GHz	19 dB	1.253

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<b>Mechanical data</b>	
Cable diameter	5.5 mm
Static bending radius	16 mm
Flexing cycles	100000

  

<b>Environmental data</b>	
Operation temperature	-40 °C ... 85°C

  

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

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DOCUMENT PIM-P37402 / Date of publication: 16.11.2023 / uncontrolled copy