

# MICROWAVE TEST ASSEMBLIES, 3.5mm (female PORT), 3.5mm (male DUT), 50 Ohm, 26.5 GHz, 48in

SF526V/35VF/35VM/48in

## Properties

- Applicable up to 26.5 GHz
- Extremely flexible and ease of handling
- High stable electrical performance
- "Best-in-class phase and amplitude stability with flexure, movement, temperature and tensile stress"
- Long life time - lower measurement cost



## Product configuration

Type of cable	SUCOFLEX_526_V
Type description connector A	35VF
Series connector A	PC 3.5, straight - jack
Type description connector B	35VM
Series connector B	PC 3.5, straight - plug
Armour	AR_V-10_black-sand
Length	1219 mm
Length	48 inch
Length type	REF to REF

## Electrical data

Impedance	50 $\Omega$
Max. operating frequency	26.5 GHz
Min. return loss	20 dB
VSWR max	1.222
Max. insertion loss	4.4 dB
Signal delay	4.17 ns/m
Propagation velocity	80 %
Min. screening effectiveness	90 dB
Max. screening frequency	26.5 GHz
Amplitude stability vs. movement	+/- 0.025 dB
Amplitude stability vs. flexure	+/- 0.04 dB
Phase stability vs. flexure	+/- 5 °
Phase stability vs. Temperature	typ 50 ppm (between 15 °C ... 30 °C)

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Mechanical data	
Weight	0.4 kg
Cable diameter	13 mm
Static bending radius	50 mm

Environmental data	
Operation temperature	15 °C ... 30 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85070047	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 526V microwave cable assemblies set a new measurement standard for vector network analyzers (VNAs) through 26.5 GHz.

Ordering information	
Item number	Item description
85070047	SF526V/35VF/35VM/48in

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