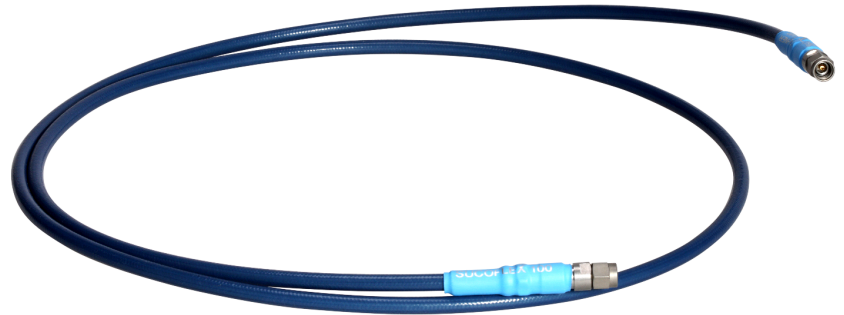


# MICROWAVE TEST ASSEMBLIES, SMA (male), SMA (male), 50 Ohm, 18 GHz, 1000mm

SF126E/11SMA/11SMA/1000mm

## Properties

- Applicable up to 18 GHz
- Excellent insertion and return loss
- Extremely reliable and robust
- A wide range of cables, connectors and armours
- MIL qualified



Product configuration	
Type of cable	SUCOFLEX_126_E
Type description connector A	SF_11_SMA-451
Series connector A	SMA, straight - plug
Type description connector B	SF_11_SMA-451
Series connector B	SMA, straight - plug
Length	1000 mm
Length type	REF to REF
Electrical data	
Impedance	50 $\Omega$
Max. operating frequency	18 GHz
Min. return loss	19 dB
VSWR max	1.253
Max. insertion loss	1.43 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.2 dB
Mechanical data	
Weight	0.08 kg
Cable diameter	5.5 mm
Static bending radius	16 mm
Environmental data	
Operation temperature	-40 °C ... 85 °C

**MICROWAVE TEST ASSEMBLIES, SMA (male), SMA (male), 50 Ohm, 18 GHz, 1000mm**  
SF126E/11SMA/11SMA/1000mm**Comment**

The SUCOFLEX 126\_E high end cable assemblies are designed to provide optimal performance up to 18 GHz where stringent electrical requirements – in particular stability and low loss, are important.

**Ordering information**

Item number	Item description
85072825	SF126E/11SMA/11SMA/1000mm

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