

# MICROWAVE TEST ASSEMBLIES, 2.92mm (male), 2.92mm (male), 50 Ohm, 40 GHz, 36in

## SF540S/11SK/11SK/36in

### Properties

- Applicable up to 40 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_540_S
Type description connector A	SF_11_SK-508
Series connector A	SK, straight - plug
Series connector B	SK, straight - plug
Length	914 mm
	36 inch
Length type	REF to REF

Electrical data	
Impedance	50 $\Omega$
Max. operating frequency	40 GHz
Max. insertion loss	2.96 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.05 dB
Phase stability vs. flexure	+/- 5 °

Mechanical data	
Cable diameter	6.4 mm
Static bending radius	25.4 mm
Flexing cycles	100000

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

**MICROWAVE TEST ASSEMBLIES, 2.92mm (male), 2.92mm (male), 50 Ohm, 40 GHz, 36in**  
SF540S/11SK/11SK/36in

Ordering information	
Item number	Item description
85207919	SF540S/11SK/11SK/36in

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.  
DOCUMENT PIM-P37430 / Date of publication: 16.11.2023 / uncontrolled copy