

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

Electrical data

Impedance	50 Ω
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

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85207919	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Comment
SUCOFLEX 540S microwave cable assemblies set a new measurement standard through 40 GHz.

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: 09.04.2025 / uncontrolled copy