

MICROWAVE TEST ASSEMBLIES, 2.92mm (male), 2.92mm (male), 50 Ohm, 40 GHz, 24in

SF540E/11SK/11SK/24in

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_E
Type description connector A	SF_11_SK-506
Series connector A	SK, straight - plug
Type description connector B	SF_11_SK-506
Series connector B	SK, straight - plug
Length	610 mm
Length	24 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	40 GHz
Max. insertion loss	2.08 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 °

Mechanical data

Cable diameter	4 mm
Static bending radius	12 mm

Environmental data

Operation temperature	-40 °C ... 85 °C
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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85207914	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

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

Ordering information	
Item number	Item description
85207914	SF540E/11SK/11SK/24in

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