

# MICROWAVE TEST ASSEMBLIES, 2.92mm (male), 2.92mm (male), 50 Ohm, 40 GHz, 24in, time delay matched +/-1ps

PMASF540S/11SK/11SK/24in

## Properties

- Applicable up to 40 GHz
- High phase- and amplitude stability with flexure and movement
- Excellent insertion and return loss
- Absolute time delay matched +/- 1ps
- Precise and repeatable measurements



## 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	610 mm
	24 inch
Length type	REF to REF

## Electrical data

Impedance	50 $\Omega$
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	+/- 0.05 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
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Ordering information	
Item number	Item description
85207921	PMASF540S/11SK/11SK/24in

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