

## Data Sheet

### Microwave Cable Assemblies

PMASF540E/11SK/11SK/24in Part No.: 85207916

#### Main characteristics

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SUCOFLEX 540E microwave cable assemblies set a new measurement standard through 40 GHz. Absolute time delay matched +/- 1ps.



#### Product configuration

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Cable Type	SUCOFLEX 540E		
Length	610.0 mm	24.0 in	REF to REF
	<b>Type</b>	<b>Series</b>	
Connector A	SF_11_SK-506	2.92mm	straight plug
Connector B	SF_11_SK-506	2.92mm	straight plug

#### Technical data

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##### Electrical data

Impedance	50.0 $\Omega$
Operating Frequency max	40.0 GHz
Min. Return Loss	14.9 dB VSWR 1.439
Max. Insertion Loss	2.08 dB
Signal Delay	4.3 ns/m
Propagation Velocity	77.0 %
Screen Effectiveness	$\geq 90.0$ dB up to 18.0 GHz
Amplitude Stability vs. Flexure	+/- 0.1 dB
Phase Stability vs. Flexure	+/- 8°

##### Mechanical data

Cable Diameter	4.0 mm
Minimum Bending Radius Static	12.0 mm

##### Environmental data

Operation Temperature Range	-40.0 °C ... 85.0 °C
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#### Additional information

<b>Marketing Information</b>	Absolute time delay matched +/- 1ps
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