

Data Sheet

Microwave Cable Assemblies

PMASF540E/11SK/11SK/36in Part No.: 85207917

Main characteristics

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



Product configuration

Cable Type	SUCOFLEX 540E		
Length	914.0 mm 36.0 in REF to REF		
	Type	Series	
Connector A	SF_11_SK-506	2.92mm	straight plug
Connector B	SF_11_SK-506	2.92mm	straight plug

Technical data

Electrical data

Impedance	50.0 Ω
Operating Frequency max	40.0 GHz
Min. Return Loss	14.9 dB VSWR 1.439
Max. Insertion Loss	2.96 dB
Signal Delay	4.3 ns/m
Propagation Velocity	77.0 %
Screen Effectiveness	≥ 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

Marketing Information	Absolute time delay matched +/- 1ps
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