

Data Sheet

Microwave Cable Assemblies

SF540E/11SK/11SK/36in Part No.: 85207915

Main characteristics

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



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	2.92 mm	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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