

Data Sheet

Microwave Cable Assemblies

SF570S/11PC185/11PC185/24in Part No.: 85186159

Main characteristics

SUCOFLEX 570S microwave cable assemblies set a new measurement standard through 70 GHz



Product configuration

Cable Type	SUCOFLEX 570S			
Lenght	610.0 mm 24.0 in REF to REF			
	Type	Series		
Connector A	SF_11_PC185-501	1.85 mm	straight	plug
Connector B	SF_11_PC185-501	1.85 mm	straight	plug

Technical data

Electrical data

Impedance	50.0 Ω
Operating Frequency max	70.0 GHz
Min. Return Loss	14.0 dB VSWR 1.499
Max. Insertion Loss	4.63 dB
Signal Delay	4.3 ns/m
Propagation Velocity	77.0 %
Screen Effectiveness	≥ 90.0 dB 18.0 GHz
Amplitude stability vs.Flex[\pm]	0.05 dB
Phase Stab vs.Flexure	0.23 $^{\circ}$ /GHz

Mechanical data

Cable Diameter max	5.8 mm
Minimum Bending Radius Static	25.4 mm
Weight	0.085 kg

Environmental data

Operation Temperature Range	-55.0 $^{\circ}$ C ... 125.0 $^{\circ}$ C
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Additional information

Marketing Information	Return loss figures are guaranteed up to 67GHz
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