

Data Sheet

Microwave Cable Assemblies

SF570E/11PC185/11PC185/24in Part No.: 85184843

Main characteristics

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



Product configuration

Cable Type	SUCOFLEX 570E
Length	610.0 mm 24.0 in REF to REF

	Type	Series		
Connector A	SF_11_PC185-503	1.85 mm	straight	plug
Connector B	SF_11_PC185-503	1.85 mm	straight	plug

Technical data

Electrical data

Impedance	50.0 Ω
Operating Frequency max	70.0 GHz
Min. Return Loss	14.9 dB VSWR 1.439
Max. Insertion Loss	4.63 dB
Signal Delay	43.0 ns/m
Propagation Velocity	77.0 %
Screen Effectiveness	≥ 90.0 dB 18.0 GHz
Amplitude stability vs.Flex[\pm]	0.1 dB
Phase Stab vs.Flexure	0.28 $^{\circ}$ /GHz

Mechanical data

Cable Diameter max	3.3 mm
Minimum Bending Radius Static	11.0 mm
Weight	0.025 kg

Environmental data

Operation Temperature Range	-40.0 $^{\circ}$ C ... 85.0 $^{\circ}$ C
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Additional information

Marketing Information

Return loss figures are guaranteed up to 67GHz
