

Data Sheet

Microwave Cable Assemblies

PMASF570E/11PC185/11PC185/36in Part No.: 85184846

Main characteristics

SUCOFLEX 570E microwave cable assemblies set a new measurement standard through 70 GHz. Absolute phase matched +/- 1ps.



Product configuration

Cable Type	SUCOFLEX 570E		
Lenght	914.0 mm 36.0 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	14.0 dB VSWR 1.499
Max. Insertion Loss	6.48 dB
Signal Delay	4.3 ns/m
Propagation Velocity	77.0 %
Screen Effectiveness	≥ 90.0 dB 18.0 GHz
Amplitude stability vs.Flex[±]	0.1 dB
Phase Stab vs.Flexure	0.28 °/GHz

Mechanical data

Cable Diameter max	3.3 mm
Minimum Bending Radius Static	11.0 mm
Weight	0.03 kg

Environmental data

Operation Temperature Range	-40.0 °C ... 85.0 °C
-----------------------------	----------------------

Additional information

Marketing Information	Return loss figures are guaranteed up to 67 GHz. Absolute phase matched +/- 1ps
------------------------------	---