

Data Sheet

Microwave Cable Assemblies

PMASF540S/11SK/11SK/36in Part No.: 85207922

Main characteristics

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



Product configuration

Cable Type	SUCOFLEX 540S				
Length	914.0 mm 36.0 in REF to REF				
	Type	Series			
Connector A	SF_11_SK-508	2.92 mm	straight	plug	
Connector B	SF_11_SK-508	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
Propagation Velocity	77.0 %
Screen Effectiveness	≥ 90.0 dB up to 18.0 GHz
Amplitude Stability vs. Flexure	+/- 0.05 dB
Phase Stability vs. Flexure	+/- 5°GHz

Mechanical data

Cable Diameter	6.4 mm
Minimum Bending Radius Static	25.4 mm

Environmental data

Operation Temperature Range	-55.0 °C ... 125.0 °C
-----------------------------	-----------------------

Additional information

Marketing Information	Absolute time delay matched +/- 1ps
-----------------------	-------------------------------------