

Data Sheet

Microwave Cable Assemblies

PMASF526S/11PC35/11PC35/36in Part No.: 85185120

Main characteristics

SUCOFLEX 526S microwave cable assemblies set a new measurement standard through 26.5 GHz. Absolute phase matched +/- 1ps



Product configuration

Cable Type	SUCOFLEX 526S		
Lenght	914.0 mm 36.0 in REF to REF		
	Type	Series	
Connector A	SF_11_PC35-501	3.5 mm	straight plug
Connector B	SF_11_PC35-501	3.5 mm	straight plug

Technical data

Electrical data

Impedance	50.0 Ω
Operating Frequency max	26.5 GHz
Min. Return Loss	19.0 dB VSWR 1.253
Max. Insertion Loss	1.64 dB
Signal Delay	4.3 ns/m
Propagation Velocity	77.0 %
Screen Effectiveness	≥ 90.0 dB 26.5 GHz
Amplitude stability vs.Flex[\pm]	0.05 dB
Phase Stab vs.Flexure	0.2 $^\circ$ /GHz

Mechanical data

Cable Diameter max	7.7 mm
Minimum Bending Radius Static	25.4 mm
Weight	0.15 kg

Environmental data

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

Marketing Information	Absolute phase matched +/- 1ps
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