

Data Sheet

Microwave Cable Assemblies

SF126E/11PC35/11PC35/610mm Part No.: 85185904

Main characteristics

The SUCOFLEX 126_E high end cable assemblies are designed to provide optimal performance up to 26.5 GHz where stringent electrical requirements – in particular stability and low loss, are important.



Product configuration

Cable Type	SUCOFLEX 126E			
Length	610.0 mm 24.0 in REF to REF			
	Type	Series		
Connector A	SF_11_PC35-43	3.5mm	straight	plug
Connector B	SF_11_PC35-43	3.5mm	straight	plug

Technical data

Electrical data

Impedance	50.0 Ω
Operating Frequency max	26.5 GHz
Min. Return Loss	16.5 dB VSWR 1.352
Max. Insertion Loss	1.27 dB
Signal Delay	4.3 ns/m
Propagation Velocity	77.0 %
Amplitude stability vs.Flex[\pm]	0.2 dB
Phase Stab vs.Flexure	0.9 $^\circ$ /GHz

Mechanical data

Cable Diameter max	5.5 mm
Minimum Bending Radius Static	16.0 mm

Environmental data

Operation Temperature Range	-40.0 $^\circ$ C ... 85.0 $^\circ$ C
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