

RF Cable Assembly

PMASF570S/11PC185/21PC185/36in

Item: 85153053

Description

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



Product Configuration

Cable	SUCOFLEX 570S		
Type Description Connector A	SF_11_PC185-501		
Series Connector A	1.85mm	plug	straight
Type Description Connector B	SF_21_PC185-501		
Series Connector B	1.85mm	jack	straight
Length	914 mm REF to REF		
	36 inches		

Technical Data

Electrical Data		
Impedance	50 Ω	
Operating Frequency (max.)	70 GHz	
Return Loss (min.)	-14 dB	VSWR : 1.499
Insertion Loss (max)	6.48 dB	
Velocity of propagation	77 %	
Screening effectiveness	≥ 90 dB up to 18 GHz	
Amplitude stability vs. Flexure	±0.05 dB	
Phase stability vs. Flexure	0.23 ° / GHz	
Mechanical Data		
Diameter cable	5.8 mm	
Bending radius static (min.)	25.4 mm	
Weight	0.085 kg	
Environmental Data		
Operating temperature	-55 °C to + 125 °C	
2011/65/EU (RoHS)	compliant	
2012/19/EU (WEEE)	relevant	
2006/1907/EC (REACH)	compliant	

Additional information

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