Data Sheet

HUBER+SUHNER

RF Cable Assembly
PMASF550S/11PC24/11PC24/24in Item: 85153038

Description

SUCOFLEX 550S microwave cable assemblies set a new measurement standard through 50 GHz. Absolute phase matched +/- 1ps.



Product Configuration

Cable	SUCOFLEX 550S	
Type Description Connector A	SF_11_PC24-501	
Series Connector A	2.4mm	plug straight
Type Description Connector B	SF_11_PC24-501	
Series Connector B	2.4mm	plug straight
Length	610 mm REF to REF	
	24 inches	

Technical Data

Electrical Data	
Impedance	50 Ω
Operating Frequency (max.)	50 GHz
Return Loss (min.)	-14.9 dB VSWR : 1.439
Insertion Loss (max)	2.85 dB
Velocity of propagation	77 %
Screening effectiveness	≥ 90 dB up to 18 GHz
Amplitude stability vs. Flexure	±0.05 dB
Phase stability vs. Flexure	0.24 ° / GHz

Mechanical Data	
Diameter cable	6.1 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	Absolute phase matched +/- 1ps

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.

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