

RF Cable Assembly

PMASF101E/11PC24/11PC24/610mm

Item: 85080278

Description

The SUCOFLEX 101_E high end cable assemblies are designed to provide optimal performance up to 50 GHz where stringent electrical requirements – in particular stability and low loss, are important.



Product Configuration

Cable	SUCOFLEX 101E		
Type Description Connector A	SF_11_PC24-104		
Series Connector A	2.4mm	plug	straight
Type Description Connector B	SF_11_PC24-104		
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	±0.2 dB	
Phase stability vs. Flexure	1.2 ° / GHz	
Mechanical Data		
Diameter cable	3.7 mm	
Bending radius static (min.)	11 mm	
Environmental Data		
Operating temperature	-40 °C to + 85 °C	
2011/65/EU (RoHS)	compliant	
2012/19/EU (WEEE)	relevant	
2006/1907/EC (REACH)	compliant	

Additional information

General Information	Absolute phase matched +/- 1ps
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