

RF Cable Assembly

PMASF102E/11SK/11SK/914mm **Item: 85079123**

Description

The SUCOFLEX 102 high end cable assemblies are designed to provide optimal performance up to 40 GHz where stringent electrical requirements – in particular stability and low loss, are important.



Product Configuration

Cable	SUCOFLEX 102E		
Type Description Connector A	SF_11_SK-252		
Series Connector A	2.92mm	plug	straight
Type Description Connector B	SF_11_SK-252		
Series Connector B	2.92mm	plug	straight
Length	914 mm REF to REF		
	36 inches		

Technical Data

Electrical Data			
Impedance	50 Ω		
Operating Frequency (max.)	40 GHz		
Return Loss (min.)	-14.9 dB	VSWR : 1.439	
Insertion Loss (max)	3.08 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	4 mm		
Bending radius static (min.)	12 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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