## **Data Sheet**



# 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 were 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
Ochoral information	Absolute phase materied 17 Tps

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

www.hubersuhner.com

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