Data Sheet



RF Cable Assembly SF104/11N/11N/2000mm Item: 84017160

Description

The SUCOFLEX 104 high end cable assemblies are designed to provide optimal performance up to 18 GHz were stringent electrical requirements – in particular stability and low loss, are important.



Product Configuration

Cable	SUCOFLEX 104	
Type Description Connector A	SF_11_N-47	
Series Connector A	N	plug straight
Type Description Connector B	SF_11_N-47	
Series Connector B	N	plug straight
Length	2000 mm REF to REF	

Technical Data

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Electrical Data	
Impedance	50 Ω
Operating Frequency (max.)	18 GHz
Return Loss (min.)	-16.6 dB VSWR : 1.347
Insertion Loss (max)	2.64 dB
Signal delay	4.3 ns/m
Velocity of propagation	77 %
Amplitude stability vs. Flexure	±0.2 dB
Phase stability vs. Flexure	1.7 ° / GHz
Mechanical Data	
Diameter cable	5.5 mm
Bending radius static (min.)	16 mm
Weight	0.2 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
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