

RF Cable Assembly

SF550E/11PC24/11PC24/36in Item: 85157329

Description

SUCOFLEX 550E microwave cable assemblies set a new measurement standard through 50 GHz



Product Configuration

Cable	SUCOFLEX 550E		
Type Description Connector A	SF_11_PC24-503		
Series Connector A	2.4mm	plug	straight
Type Description Connector B	SF_11_PC24-503		
Series Connector B	2.4mm	plug	straight
Length	914 mm REF to REF		
	36 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)	4.02 dB
Signal delay	4.3 ns/m
Velocity of propagation	77 %
Screening effectiveness	≥ 90 dB up to 26.5 GHz
Amplitude stability vs. Flexure	±0.1 dB
Phase stability vs. Flexure	0.35 ° / GHz
Mechanical Data	
Diameter cable	3.7 mm
Bending radius static (min.)	11 mm
Flex Life (cycles)	100000
Weight	0.06 kg
Environmental Data	
Operating temperature	-40 °C to + 85 °C
2011/65/EU (RoHS)	compliant
2012/19/EU (WEEE)	relevant
2006/1907/EC (REACH)	compliant