

RF Cable Assembly

SF126E/11SMA/11SMA/500mm Item: 85072824

Description

The SUCOFLEX 126_E high end cable assemblies are designed to provide optimal performance up to 18 GHz where stringent electrical requirements – in particular stability and low loss, are important.



Product Configuration

Cable	SUCOFLEX 126E		
Type Description Connector A	SF_11_SMA-451		
Series Connector A	SMA	plug	straight
Type Description Connector B	SF_11_SMA-451		
Series Connector B	SMA	plug	straight
Length	500 mm REF to REF		

Technical Data

Electrical Data	
Impedance	50 Ω
Operating Frequency (max.)	18 GHz
Return Loss (min.)	-19 dB VSWR : 1.253
Insertion Loss (max)	0.82 dB
Signal delay	4.3 ns/m
Velocity of propagation	77 %
Amplitude stability vs. Flexure	±0.2 dB
Phase stability vs. Flexure	0.9 ° / GHz
Mechanical Data	
Diameter cable	5.5 mm
Bending radius static (min.)	16 mm
Weight	0.05 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