Data Sheet

HUBER+SUHNER

RF Cable Assembly
SF526S/11PC35/11PC35/1500mm Item: 85092087

Description

SUCOFLEX 526S microwave cable assemblies set a new measurement standard through 26.5 GHz

Product Configuration

Cable	SUCOFLEX 526S	
Type Description Connector A	SF_11_PC35-501	
Series Connector A	3.5mm	plug straight
Type Description Connector B	SF_11_PC35-501	
Series Connector B	3.5mm	plug straight
Length	1500 mm REF to REF	

Technical Data

Electrical Data	
Impedance	50 Ω
Operating Frequency (max.)	26.5 GHz
Return Loss (min.)	-19 dB VSWR : 1.253
Insertion Loss (max)	2.52 dB
Signal delay	4.3 ns/m
Velocity of propagation	77 %
Screening effectiveness	≥ 90 dB up to 26.5 GHz
Amplitude stability vs. Flexure	±0.05 dB
Phase stability vs. Flexure	0.2 ° / GHz

Mechanical Data	
Diameter cable	7.7 mm
Bending radius static (min.)	25.4 mm
Flex Life (cycles)	100000
Weight	0.24 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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