Data sheet

SUCOFLEX® 526S
Microwave Cable Assembly

Description

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

- *Excellent return- and insertion loss*
- *Phase and amplitude stability with flexure and movement*
- *Torque, crush and kink resistance*
- *Precise and repeatable measurements*
- *Long service life*
- *Reduce total cost of test with durable, reliable performance*



Product Configuration

Description	SF526S/11PC35/11PC35/500mm
Item number	85090623
Cable type	SUCOFLEX 526S
Length of assembly	500 mm
Connector A	11_PC3.5 (straight male)
Connector B	11_PC3.5 (straight male)

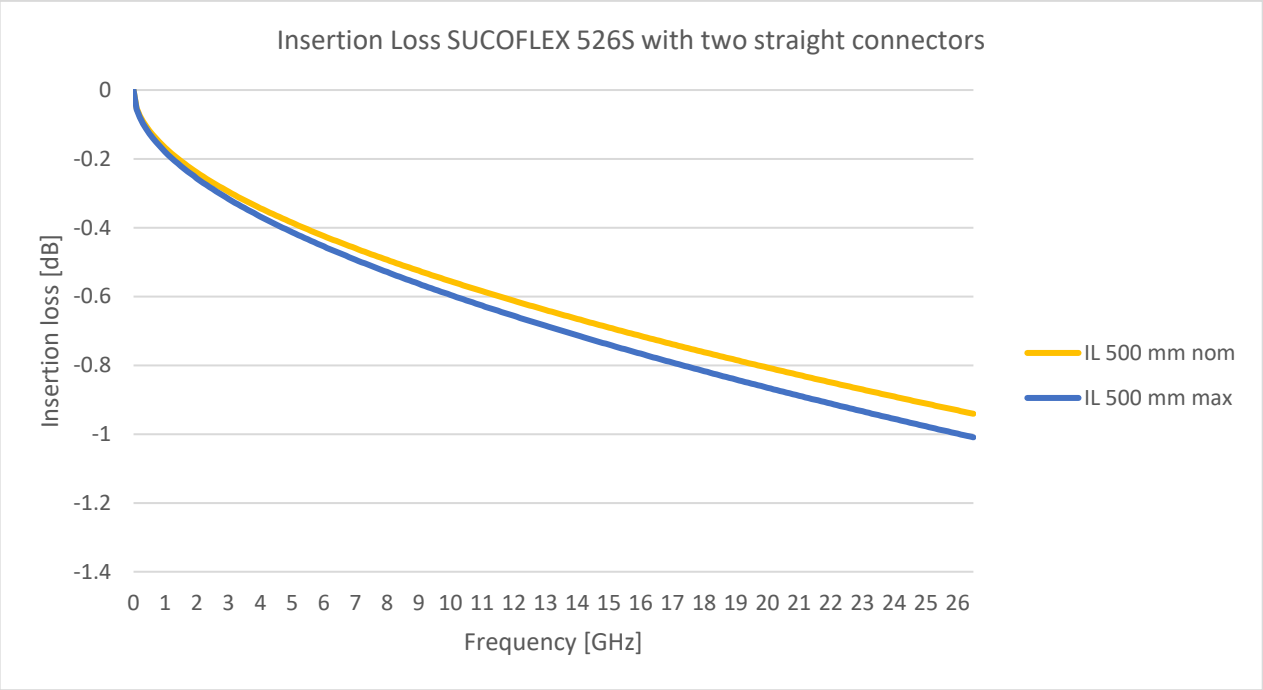
Technical Data

Mechanical Data	
Outer diameter	7.7 mm
Min. bending radius	25.4 mm
Weight	90 g
Crush resistance	26 kgf /cm

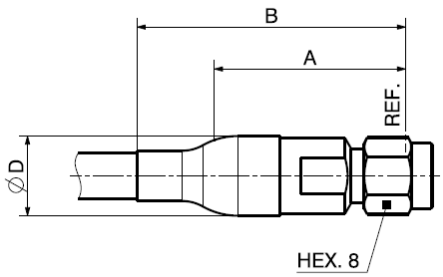
Environmental Data	
Operating temperature	-55 … + 125°C
RoHS, REACH	Compliant

Electrical Data	
Impedance	50 Ω
Operating frequency	up to 26.5 GHz
Velocity of propagation	77 %
Time delay	4.3 ns / m
Typical return loss	-25.0 dB
Min. return loss	-19.0 dB
Typical insertion loss	0.95 dB
Max. insertion loss	1.01 dB
Screening effectiveness	> 90 dB
Typ. amplitude stability vs. shaking	± 0.05 dB
Typ. amplitude stability vs. bending	± 0.05 dB
Typ. phase stability vs. bending	± 3.0°

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Connector 11_PC3.5 (straight male)



Dimensions		
A	***B***	***D***
44 mm	*N/A (only if shrinking sleeve is applied)*	*11.8 mm*

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

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Global Electronic Components Distributor

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Huber+Suhner:

11_N-50-12-60/033_-E 14_BMA-50-2-2/111_NE 24_SMA-50-2-15/111_NH 73_Z-0-0-292/---_-H
11_SMC-50-2-10/111_NE 11_TNC-50-3-116/133_NE 78_Z-0-4-4 11_N-50-9-12/033_-F 53_N-50-0-4/133_NE
11_N-50-6-19/12-_NE 22_TNC-50-0-1/133_NE 24_BNC-50-2-1/133_NE 34_SMA-50-0-51/199_NE
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22_N-50-0-3/133_NE 32_MMBX-50-0-3/111_NE 33_PC185-MMPX-50-2/199_NE 9071.99.0649
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