

## 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/11SMA/11SMA/48in
Item number	85093217
Cable type	SUCOFLEX 526S
Length of assembly	1'219 mm (48 inch)
Connector A	11_SMA (straight male)
Connector B	11_SMA (straight male)

### Technical Data

#### Mechanical Data

Outer diameter	7.7 mm
Min. bending radius	25.4 mm
Weight	194 g
Crush resistance	26 kgf /cm

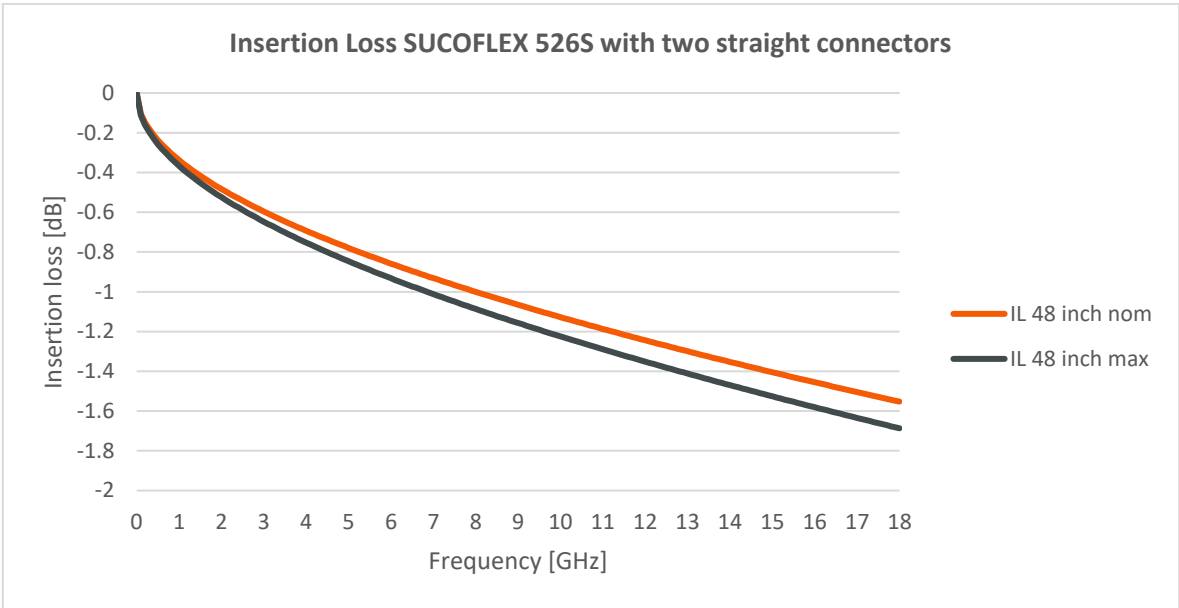
#### Environmental Data

Operating temperature	-55 ... + 125°C
RoHS, REACH	Compliant

#### Electrical Data

Impedance	50 $\Omega$
Operating frequency	up to 18.0 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	1.56 dB
Max. insertion loss	1.69 dB
Screening effectiveness	> 90 dB
Typ. amplitude stability vs. shaking	$\pm 0.05$ dB
Typ. amplitude stability vs. bending	$\pm 0.05$ dB
Typ. phase stability vs. bending	$\pm 3.0^\circ$

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Connector 11\_SMA (straight male)

