

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/11PC35/11N/1000mm |
| Item number | 85093199 |
| Cable type | SUCOFLEX 526S |
| Length of assembly | 1'000 mm |
| Connector A | 11_PC3.5 (straight male) |
| Connector B | 11_N (straight male) |

Technical Data

Mechanical Data

| | |
|---------------------|------------|
| Outer diameter | 7.7 mm |
| Min. bending radius | 25.4 mm |
| Weight | 207 g |
| Crush resistance | 26 kgf /cm |

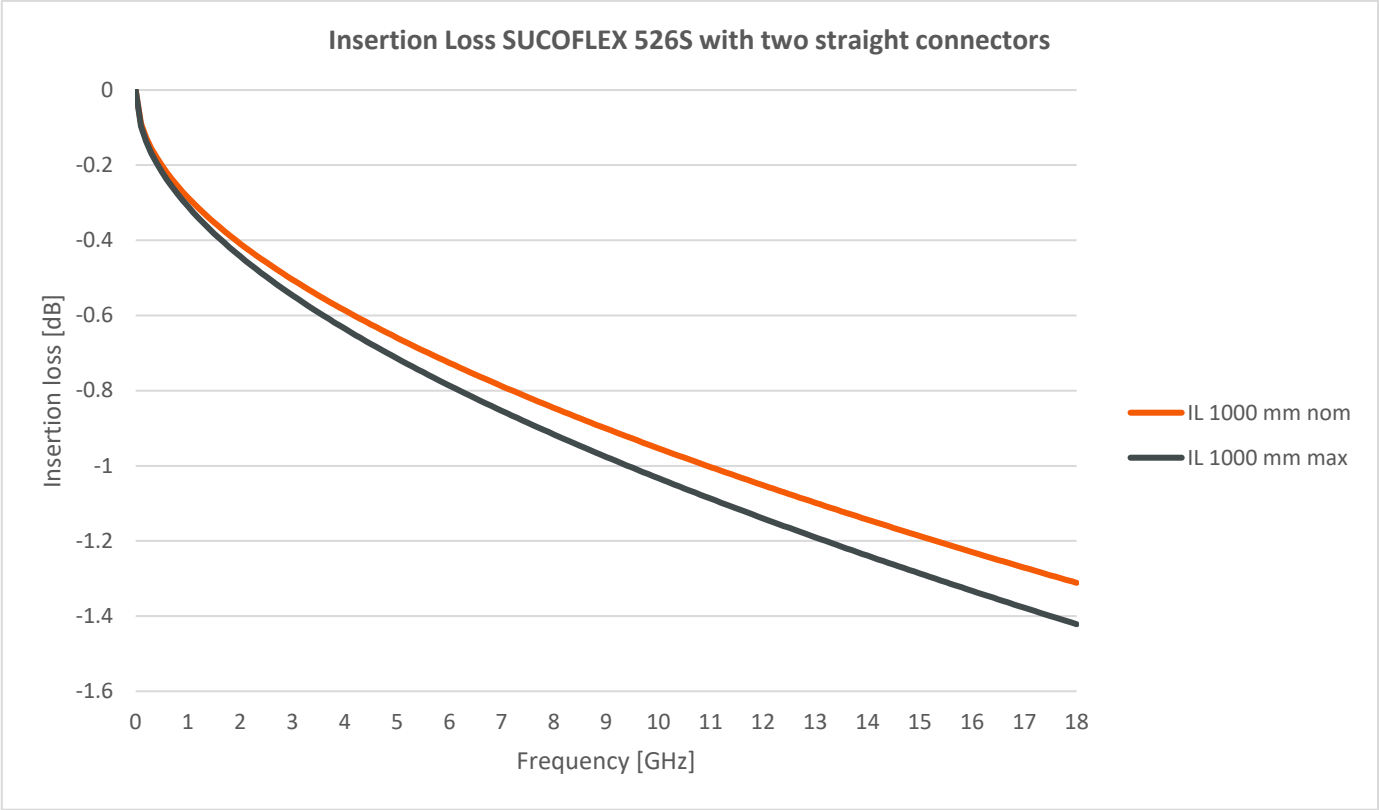
Environmental Data

| | |
|-----------------------|----------------|
| Operating temperature | -55 ... + 75°C |
| RoHS, REACH | Compliant |

Electrical Data

| | |
|--------------------------------------|-----------------|
| Impedance | 50 Ω |
| 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 | 1.32 dB |
| Max. insertion loss | 1.43 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 | $\pm 3.0^\circ$ |

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Microwave Cable Assembly



Connector 11_PC3.5 (straight male)

Connector 11_N (straight male)

| Dimensions | | | Dimensions | | |
|------------|---|---------|------------|---|---------|
| A | B | D | A | B | D |
| 44 mm | N/A (only if shrinking sleeve is applied) | 11.8 mm | 76 mm | N/A (only if shrinking sleeve is applied) | 15.6 mm |