

## 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/11N/11N/2000mm |
| Item number        | 85093244              |
| Cable type         | SUCOFLEX 526S         |
| Length of assembly | 2'000 mm              |
| Connector A        | 11_N (straight male)  |
| Connector B        | 11_N (straight male)  |

### Technical Data

#### Mechanical Data

|                     |            |
|---------------------|------------|
| Outer diameter      | 7.7 mm     |
| Min. bending radius | 25.4 mm    |
| Weight              | 378 g      |
| Crush resistance    | 26 kgf /cm |

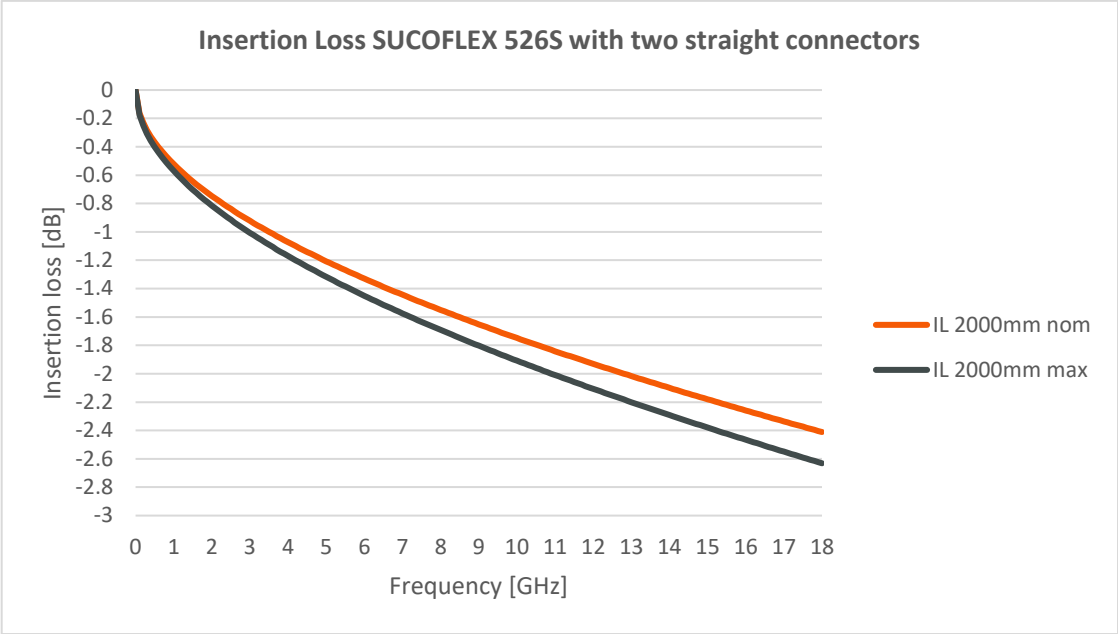
#### Environmental Data

|                       |                |
|-----------------------|----------------|
| Operating temperature | -55 ... + 75°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               | 2.42 dB         |
| Max. insertion loss                  | 2.64 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     | $\pm 3.0^\circ$ |

SUCOFLEX® 526S  
Microwave Cable Assembly



Connector 11\_N (straight male)

