

## 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/11PC35/11PC35/1500mm |
| Item number        | 85092087                    |
| Cable type         | SUCOFLEX 526S               |
| Length of assembly | 1'500 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              | 235 g      |
| Crush resistance    | 26 kgf /cm |

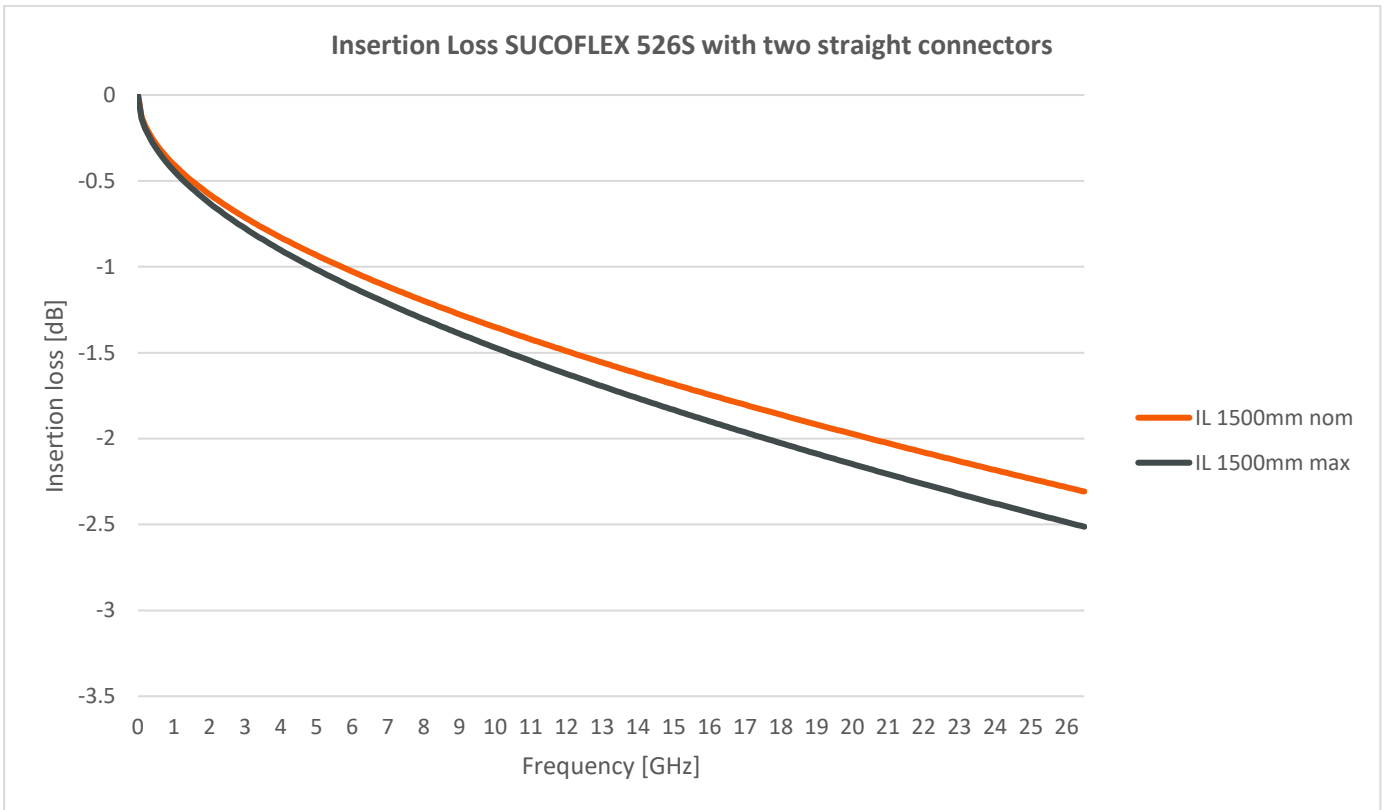
#### Environmental Data

|                       |                 |
|-----------------------|-----------------|
| 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               | 2.31 dB        |
| Max. insertion loss                  | 2.52 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)

