Data Sheet SUCOFLEX Stock Assembly

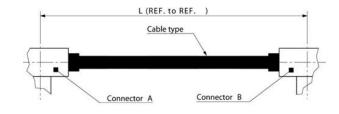


Description

The SUCOFLEX 126_E high end cable assemblies are designed to provide optimal performance up to 18 GHz were stringent electrical requirements – in particular stability and low loss, are important.

Product description Item number

SF126E/SMAm/SMAm/1000mm 85072825



Product Configuration

Cable type Length of assembly Connector A Connector B SUCOFLEX_126_E 1'000 mm SMA straight male SMA straight male

5.5 mm

16 mm

25 mm 0.8...1.1 Nm

80 g

Technical Data

Mechanical Data

Diameter: Min. bending radius static Min. bending radius repeated Recommended mating torque (*) Weight

Environmental Data

Operating temperature Storage temperature RoHS, REACH

Electrical Data

Impedance Operating frequency Velocity of propagation Capacitance Time delay

Return Loss Insertion loss (assembly) Power handling Insertion loss stability vs. bending (**) Phase stability vs. bending (**) 50 Ω up to 18 GHz 77 % 87 pF / m 4.3 ns / m

min. 19.0 dB

max. 1.43 dB

min. 160 W

+/- 0.2 dB

< 0.9°

- 40°C to + 85°C

- 40°C to + 85°C

Compliant

(up to 18 GHz) (18 GHz, 25°C) (18 GHz, sea level, 25°C) (up to 18 GHz) (el/GHz)

General Information

(*) H+S torque wrench H+S description: 74_Z-0-0-21 // material/item number: 22543130 (**) Stability test 360°, diameter 55 mm

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