Data Sheet SUCOFLEX_Stock Assembly

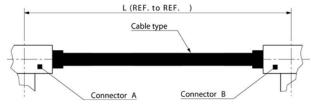


Description

The SUCOFLEX 126_EA 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. Protected by an A-ruggedisation, the SUCOFLEX 126E becomes a flexible and robust test and measurement cable!

Product description Item number

SF126EA/Nm/Nm/1000mm 85072828



Product Configuration

Cable type A-Ruggedisation Length of assembly Connector A Connector B SUCOFLEX_126_E Steel wire spring, steel braid, TPU jacket blue 1'000 mm N straight male N straight male

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 mm 1.0 Nm 230 g

10.3 mm

30 mm

- 40°C to + 85°C - 40°C to + 85°C Compliant

50 Ω up to 18 GHz 77 % 87 pF / m 4.3 ns / m

min. 19.0 dB max. 1.43 dB min. 144 W +/- 0.2 dB < 0.9° (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(**) Stability test

H+S description: 74_Z-0-0-193 // material/item number: 22645085 360°, diameter 55 mm

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