Data Sheet SUCOFLEX Stock Assembly

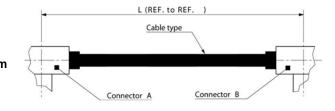


Description

The SUCOFLEX 101_E high end cable assemblies are designed to provide optimal performance up to 50 GHz were stringent electrical requirements - in particular stability and low loss, are important.

Product description Item number

PMASF101E/11PC24/11PC24/914mm 85079124



Product Configuration

Cable type Length of assembly Connector A Connector B

SUCOFLEX 101 E 914 mm PC24 straight male PC24 straight male

Technical Data

Mechanical Data

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

Environmental Data

Operating temperature RoHS, REACH

Electrical Data

Impedance Operating frequency Velocity of propagation Capacitance Time delay

Return Loss Insertion loss (assembly) Phase matched, absolute Power handling Insertion loss stability vs. bending (**) Phase stability vs. bending (**)

50 Ω up to 50 GHz . 77 % 87 pF / m

4.3 ns / m

- 40°C to + 85°C

Compliant

3.65 mm

11 mm

20 mm

0.8...1.1 Nm

(up to 50 GHz) min. 14.9 dB (50 GHz, 25°C) max. 3.89 dB ± 1.0 ps min. 32 W ± 0.2 dB < 1.2° (el/GHz)

(50 GHz, sea level, 25°C) (up to 50 GHz)

General Information

H+S torque wrench (**) Stability test

H+S description: 74_Z-0-0-21 // material/item number: 22543130 360°, diameter 40 mm

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HUBER+SUHNER: PMA SF101E/11PC24/11PC24/914mm