# **Data Sheet** SUCOFLEX Stock Assembly

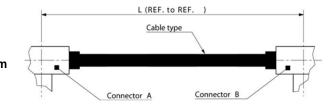


### Description

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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