Data Sheet



SUCOFLEX_Stock Assembly

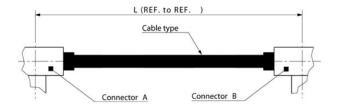
Description

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/500mm

85072824



Product Configuration

Cable type SUCOFLEX_126_E

Length of assembly 500 mm

Connector A SMA straight male Connector B SMA straight male

Technical Data

Mechanical Data

Diameter: 5.5 mm
Min. bending radius static 16 mm
Min. bending radius repeated 25 mm
Recommended mating torque (*) 0.8...1.1 Nm
Weight 53 g

Environmental Data

 $\begin{array}{lll} \text{Operating temperature} & -40^{\circ}\text{C to} + 85^{\circ}\text{C} \\ \text{Storage temperature} & -40^{\circ}\text{C to} + 85^{\circ}\text{C} \\ \text{RoHS, REACH} & \text{Compliant} \end{array}$

Electrical Data

Return Loss min. 19.0 dB (up to 18 GHz)
Insertion loss (assembly) max. 0.82 dB (18 GHz, 25°C)
Power handling min. 160 W (18 GHz, sea level, 25°C)
Insertion loss stability vs. bending (**) +/- 0.2 dB (up to 18 GHz)
Phase stability vs. bending (**) < 0.9° (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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