Data Sheet



SUCOFLEX_Stock Assembly

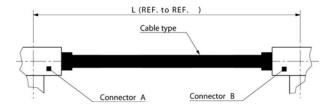
Description

The SUCOFLEX 102_E high end cable assemblies are designed to provide optimal performance up to 40 GHz were stringent electrical requirements – in particular stability and low loss, are important.

Product description Item number

SF102E/11SK/11SK/610mm

85080287



Product Configuration

Cable type SUCOFLEX_102_E Length of assembly 610 mm Connector A SK straight male

Connector A SK straight male Connector B SK straight male

Technical Data

Mechanical Data

Diameter: 4.0 mm
Min. bending radius static 12 mm
Min. bending radius repeated 20 mm
Recommended mating torque (*) 0.8...1.1 Nm

Environmental Data

Operating temperature -40°C to $+85^{\circ}\text{C}$ RoHS, REACH Compliant

Electrical Data

Return Loss min. 14.9 dB (up to 40 GHz)
Insertion loss (assembly) max. 2.08 dB (40 GHz, 25°C)
Power handling min. 43 W (40 GHz, sea level, 25°C)

Insertion loss stability vs. bending (**) +/- 0.2 dB (up to 40 GHz)
Phase stability vs. bending (**) < 1.2° (el/GHz)

General Information

(*) H+S torque wrench H+S description: 74_Z-0-0-21 // material/item number: 22543130

(**) Stability test 360°, diameter 40 mm

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