Data Sheet



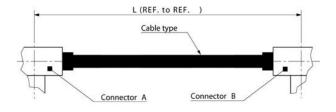
SUCOFLEX_Stock Assembly

Description

The SUCOFLEX 102 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 SF102/SKm/SKm/1000mm

84017149



Product Configuration

Cable typeSUCOFLEX_102Length of assembly1'000 mmConnector ASK straight maleConnector BSK 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
Weight 50 q

Environmental Data

Operating temperature -55° C to $+125^{\circ}$ C Storage temperature -40° C to $+85^{\circ}$ C RoHS, REACH Compliant

Electrical Data

min. 14.9 dB (up to 40 GHz) Return Loss (40 GHz, 25°C) Insertion loss (assembly) max. 3.21 dB (40 GHz, sea level, 25°C) Power handling min. 70 W (up to 18 GHz) Screening effectiveness > 90 dBInsertion loss stability vs. bending (**) (up to 40 GHz) +/- 0.2 dB Phase stability vs. bending (**) (el/GHz) < 1.2°

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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