## Data Sheet SUCOFLEX Stock Assembly

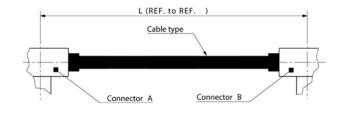


#### **Description**

The SUCOFLEX 104 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

SF104/Nm/Nm/1500mm 84017067



### **Product Configuration**

Cable type Length of assembly Connector A Connector B SUCOFLEX\_104 1'500 mm N straight male N straight male

### **Technical Data**

<b>Mechanical Data</b> Diameter: Min. bending radius static Min. bending radius repeated Recommended mating torque (*) Weight	5.5 mm 16 mm 25 mm 1.0 Nm 160 g	
Environmental Data Operating temperature Storage temperature RoHS, REACH	- 55°C to + 125°C - 40°C to + 85°C Compliant	
Electrical Data Impedance Operating frequency Velocity of propagation Capacitance Time delay	50 Ω up to 18 GHz 77 % 87 pF / m 4.3 ns / m	
Return Loss Insertion loss (assembly) Power handling Screening effectiveness Insertion loss stability vs. bending (**)	min. 16.6 dB max. 2.03 dB min. 243 W > 60 dB +/- 0.2 dB	(up to 18 GHz) (18 GHz, 25°C) (18 GHz, sea level, 25°C) (up to 18 GHz) (up to 18 GHz)

#### **General Information**

Phase stability vs. bending (\*\*)

(\*) H+S torque wrench(\*\*) Stability test

H+S description: 74\_Z-0-0-193 // material/item number: 22645085 360°, diameter 55 mm

(el/GHz)

< 1.7°

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.

Document: DOC-0000414169 B / PDO B / date of publication: 02.08.2014 06:10:54 / uncontrolled copy Page 1/1

# **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HUBER+SUHNER:

SF104/Nm/Nm/1500mm SF104/11N/11N/1500mm