Data Sheet SUCOTEST 18A Stock Assembly

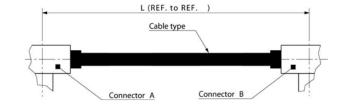


Description

Sucotest 18A armoured test assemblies offer excellent electrical performance (low insertion loss combined with unique stability and excellent return loss) for heavy duty, outdoor and harsh environment measurements up to 18 GHz.

Product description Item number

ST18A/Nm/Nf/1500mm 84013030



Product Configuration

Cable type
Ruggedisation
Length of assembly
Connector A
Connector B

SUCOTEST_18A Steel wire spring, steel braid, TPU jacket blue 1'500 mm N straight male N straight female

Technical Data

Mechanical Data

Diameter: Min. bending radius static Min. bending radius repeated Recommended mating torque (*) Waterproof Flex life Weight

Environmental Data

Operating temperature Storage temperature RoHS, REACH

Electrical Data

Impedance Operating frequency Velocity of propagation Capacitance Time delay

Return Loss Insertion loss (assembly) Power handling Screening effectiveness Insertion loss stability vs. bending (**) Phase stability vs. bending (**)

50 Ω up to 18 GHz 77 % 87 pF / m 4.3 ns / m

> 90 dB

< 0.7°

10.3 mm

30 mm

50 mm

1.0 Nm

100'000 cycles

- 40°C to + 85°C - 40°C to + 85°C

Compliant

IP 68

300 g

min. 19.0 dB (up to 18 GHz) (18 GHz, 25°Ć) max. 2.74 dB min. 120 W (18 GHz, sea level, 25°C) (up to 18 GHz) +/- 0.2 dB (up to 18 GHz) (el/GHz)

General Information

H+S torque wrench (**) Stability test

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

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

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