Data Sheet

HUBER+SUHNER Excellence in Connectivity Solutions

Within Series Adaptor 33_N-50-0-51/193_N

Description

Adaptor plug/jack

N-precision plug (male) / N-precision jack (female)

For Test & Measurement applications

Precision adaptor

Interface standard

Series N-precision - IEC 60169-16_MIL-STD-348A/402_CECC 22210



Technical Data

Electrical Data

 $\begin{tabular}{ll} Impedance & 50 Ω \\ Interface frequency max. & 18 GHz \\ VSWR & DC - 18 GHz \\ $\leq 1.03 + 0.01 $f (GHz)$ \\ \end{tabular}$

Electrical length 35.5 mm

Mechanical Data

Number of matings 500 Weight 0.0476 kg

Environmental Data

Operating temperature -55 °C to 70 °C 2011/65/EU (RoHS) compliant

Material Data

Interface - N-precision plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	

Related Documents

Catalogue drawing DCA-00013714

Ordering Information

Single package 33_N-50-0-51/193_NE

Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

Data Sheet

Within Series Adaptor 33_N-50-0-51/193_N



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.