Data Sheet

Between Series Adaptor
33_N-716-50-51/-33_N

Description

Adaptor plug/jack
N-precision plug (male) / 7/16-precision jack (female)

For Test & Measurement applications
Precision adaptor

Interface standards
Series N-precision - IEC 60169-16_MIL-STD-348A/402_CECC 22210
Series 7/16-precision - SUHNER-716



Technical Data

Electrical Data

Impedance	50 Ω
Interface frequency max.	7.5 GHz
VSWR	DC - 7.5 GHz ≤ 1.03 + 0.004 f (GHz)

Mechanical Data

Number of matings	500
Weight	0.0235 kg

Environmental Data

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

Material Data

Interface - N-precision plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Brass	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - 7/16-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Bronze	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	Air Dielectric - Bead - PPH	

Related Documents

Catalogue drawing	DCA-00014338

Ordering Information

Single package	33_N-716-50-51/-33_NE

Remarks

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

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