DATA SHEET

COAXIAL ADAPTER, N-precision - 7/16, 50 Ohm, jack / jack (female / female)

31_N-716-50-51/-33_N

Properties

- Precision interfaces
- Excellent electrical performance
- Premium base materials and platings



Product configuration		
Interface type	Gender	Standard
N-precision	jack (female)	IEC 60169-16_MIL-STD-348A/402_CECC 22210
7/16-precision	jack (female)	HUBER+SUHNER-716

Interface and material data		
N-precision		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	Air Dielectric - Bead - PPH	
7/16-precision		
Piece parts	**Material**	**Plating**
Centre contact	Bronze	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	Air Dielectric - Bead - PPH	

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

Mechanical data	
Weight	0.1027 kg
Mating cycles	500

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Environmental data	
Operation temperature	-55 °C ... 70 °C

Ordering Information Table

Item number	Item description	Packaging type
22544129	31_N-716-50-51/-33_NE	Single

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

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