DATA SHEET

COAXIAL ADAPTER, N-precision - PC 3.5, 50 Ohm, plug / jack (male / female)

33_N-PC35-50-1/1--_U

Properties

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

Product configuration		
Interface type	Gender	Standard
N-precision	plug (male)	IEC 60169-16_MIL-STD-348A/402_CECC 22210
PC 3.5	jack (female)	IEC 60169-23

Interface and material data		
N-precision		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
PC 3.5		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	Air Dielectric - Bead - PPH	

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0 GHz ... 12.4 GHz	26 dB	1.1

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Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
12.4 GHz ... 18 GHz	23 dB	1.15

Mechanical data	
Weight	0.04 kg
Mating cycles	500

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22643959	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22643959	33_N-PC35-50-1/1--_UE	Single

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

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