



■ ■ ■ User **Marcin NAGRODZKI - Inexim PL** Date **09-Sep-2005 • 08:58:00** Group **p-RF.Connector** Level **Agent**
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Coaxial adaptors online data base

Owned by [Eric van der Elst](#)
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Details

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Item description	33_N-SMA-50-1/113_UE	A - Preferred type
Connector Description	Adaptor plug/jack	
Series / Pattern Highlights	• N to SMA – Type	
Item number	22542421	
Item parent ID	33_N-SMA-50-1/113_U	
Outline drawing	 33_N-SMA-50-1/113_U	
Catalogue drawing	 33_N-SMA-50-1/113_U	
Interface Standards	IEC 60169-16; MIL-STD-348A/304; CECC 22210	
Phase	Production	Publication Status WWW 



Mechanical data

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Connector Gender1	Interface N	plug (male)
Connector Gender2	Interface SMA	jack (female)

Electrical data

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Impedance	50 Ω
Interface Freq max	≤18 GHz
Frequency Range 1	0 to 2 GHz
VSWR Range1	≤ 1.08
Frequency Range 2	2 to 4 GHz
VSWR Range2	≤ 1.11
Frequency Range 3	4 to 12.4 GHz
VSWR Range3	≤ 1.23

Environmental and general data

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Operating Temp min	-65 °C
Operating Temp max	165 °C
Weight	0.0301 kg
Number of Matings	500

Material

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N – Interface

Piece part	Base material	Plating
Center contact	Copper Beryllium Alloy	Gold Plating

Outer contact	Copper Beryllium Alloy	Gold Plating
Insulator	PFA / PTFE	
Body	Brass	SUCOPLATE (R) Plating
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	MVQ (Silicone Rubber)	

SMA – Interface

Piece part	Base material	Plating
Center contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Copper Beryllium Alloy	Gold Plating
Insulator	PFA / PTFE	
Body	Copper Beryllium Alloy	Copper Beryllium Alloy