

N Male Straight Solder Connector for RG-402 Cable

SKU: ACC-PT-00388

MPN: N1-S-402

Barcode: 9337692004629

Description

N (or N-Type) solder connectors are used within high performance low-band radio communications systems, such as in aerospace, radar, and broadcast.

This connector is used to terminate Semi-Flexible and Semi-Rigid 0.141" cable types such as RG-402, where both the inner conductor and outer braid are soldered to the connector.

As a low-PIM design the connector uses ternary alloys and silver plating to achieve very low VSWR under 3 GHz, and a modest < 1.3:1 VSWR up to 6 GHz.

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This N Male coaxial connector is used in high performance and general-precision systems up to 6 GHz. Termination of semi-flexible cables, particularly those operating to 6 GHz must be made with great care and precision.



RF Connector Interface

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 1 mΩ
		Insulation Resistance:	≥ 5000 mΩ
		Outer Contact Resistance:	≤ 0.25 mΩ
		RF Operating Voltage:	≤ 500 Vrms

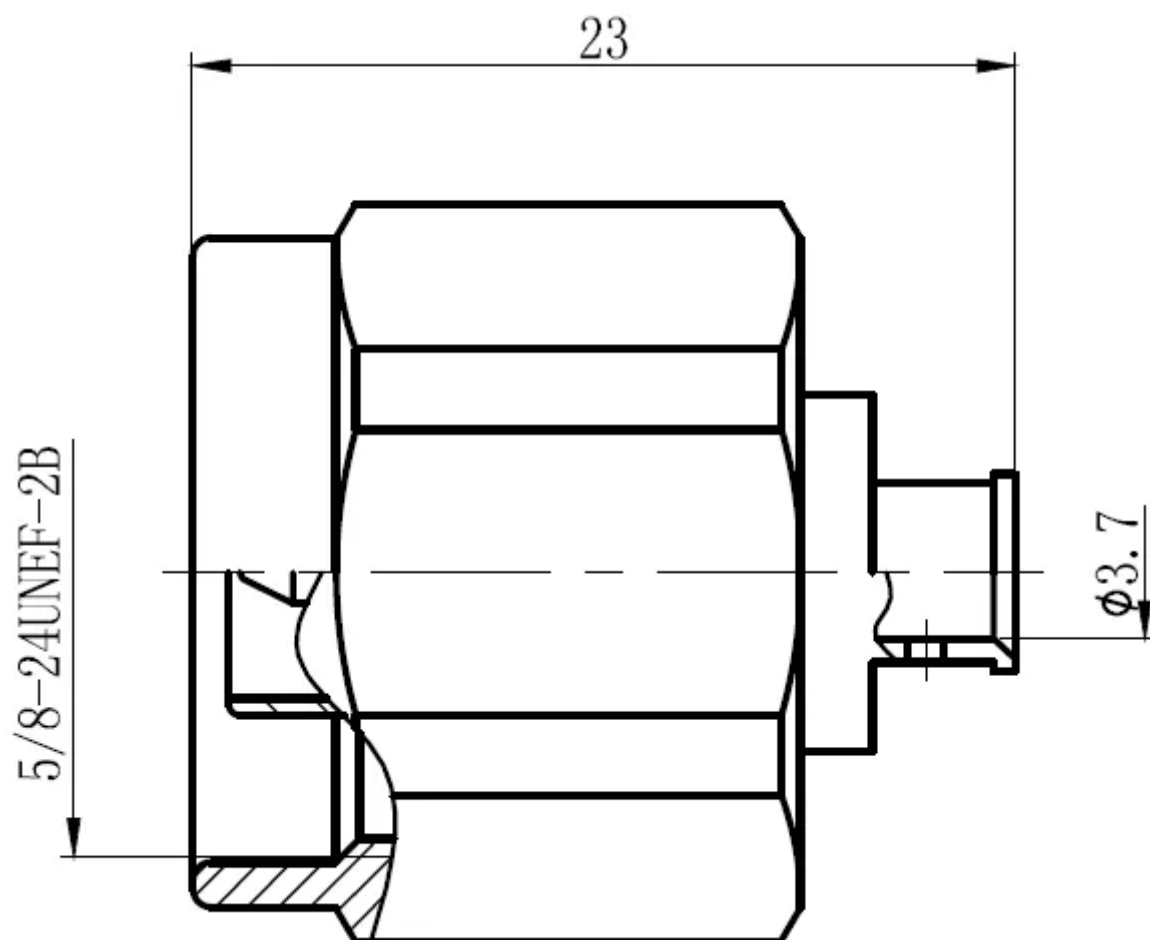
VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.15:1
6000 MHz	≤ 1.3:1

Physical Specification

Cable Group:	RG-402	Conductor Attachment:	Cable, Solder
Body Material:	Brass	Contact Material:	Brass
Body Plating:	White Bronze	Contact Plating:	White Bronze
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Dimensions:	23 × 21 × 21	Max. Operating Temperature:	85 °C
Weight:	25.7 g	Mating Cycles:	> 500
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

Drawing



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