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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.





Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Connector Interface

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging

RF Specification

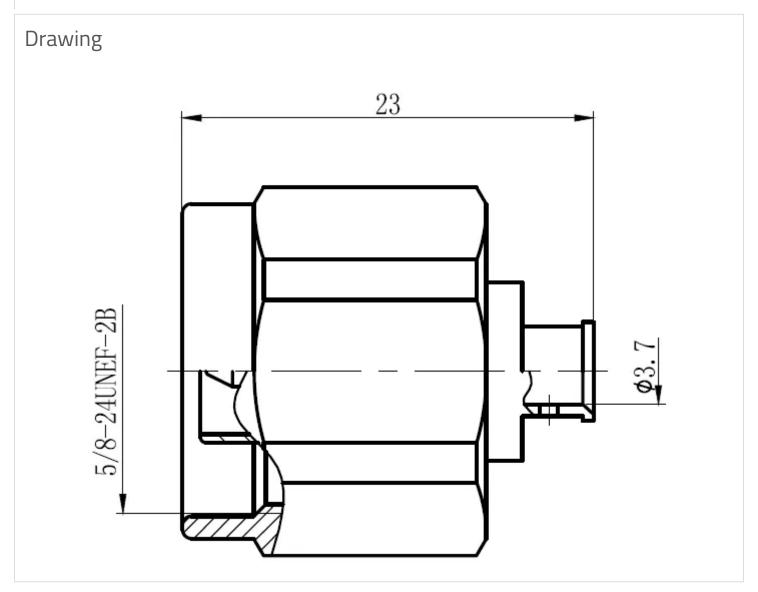
0 GHz	Input Impedance:	50
6 GHz	Inner Contact Resistance:	≤ 1 mΩ
	Insulation Resistance:	≥ 5000 mΩ
	Outer Contact Resistance:	≤ 0.25 mΩ
	RF Operating Voltage:	≤ 500 Vrms
		6 GHz Inner Contact Resistance: Insulation Resistance: Outer Contact Resistance:

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	ı		



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