

Telegärtner N Straight Plug Crimp G1 (RG-58C/U) crimp/crimp

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Description

The Telegärtner N Straight Plug Crimp G1 (RG-58C/U) is a high-quality coaxial RF connector, ideal for telecommunications and data communications applications. Designed for RG-58 cable types, this N Male connector features a straight body and free-hanging mounting style, ensuring easy integration into various systems. It uses a reliable cable crimp attachment mechanism for secure connections.

Constructed with durable materials, the connector's body is plated for enhanced durability, while the inner contacts are crafted from copper alloy with a copper-silver alloy plating, ensuring excellent conductivity. The low-density PTFE insulator provides stability and reliability across a wide temperature range.

Withstanding over 500 mating cycles, this connector operates within a frequency range of 0 to 11 GHz, delivering a consistent input impedance of 50 Ω . It offers a low inner contact resistance of ≤ 2 m Ω , outer contact resistance of ≤ 1 m Ω , and...

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RF Connector Interface

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging

RF Specification

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	11 GHz	Inner Contact Resistance:	$\leq 1.5 \text{ m}\Omega$
		Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 1 \text{ m}\Omega$

VSWR Measurement

Frequency	Return Loss
1000 MHz	$\leq 34 \text{ dB}$
2000 MHz	$\leq 29 \text{ dB}$
4000 MHz	$\leq 25 \text{ dB}$
11000 MHz	$\leq 24 \text{ dB}$

Physical Specification

Cable Group:	RG-58	Conductor Attachment:	Cable, Crimp
Body Material:	Lead-Brass Alloy (CuZn39Pb3)	Contact Material:	Lead-Brass Alloy (CuZn39Pb3)
Body Plating:	CuSnZn3	Contact Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material:	PTFE / Teflon	Mating Cycles:	> 500
Dimensions:	32.8 x 20.8		
Compliance/Certifications:	RoHS		

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