

# Telegartner N Straight Plug Crimp G37 (2.7/7.25) crimp/crimp

SKU: ACC-TG-00010

MPN: 100023916

## Description

The Telegartner N Straight Plug Crimp G37 (2.7/7.25), part number 100023916, is a high-quality RF connector designed for L-400 cables. This N Male connector features a straight, free-hanging design ideal for various RF applications. It utilises a crimp attachment for secure cable connections and is engineered to endure multiple mating cycles, ensuring long-term reliability.

Constructed with a brass body and copper-silver alloy plating, this connector offers excellent durability and conductivity. The inner contacts are also plated with copper-silver alloy, enhancing performance. The PTFE (Teflon) insulator contributes to superior electrical insulation, supporting a wide operating temperature range of -40 °C to 85 °C.

In terms of electrical performance, the connector supports a frequency range suitable for high-frequency applications. At 1000 MHz, it achieves a VSWR of  $\leq 1.15:1$ , a return loss of  $\leq 23.00$  dB, and an insertion loss of just 0...

[Read More](#)



## Telegartner

As family-owned company the Telegartner Group has developed to an international network of affiliated companies specialising in intermediate and end products for telecommunications and data communications for customers with the most exacting demands for high-tech applications over the last 70 years.

Since the company was set up in 1945 Telegartner has seen steady growth and has continually expanded ...

# RF Connector Interface

<b>RF Interface</b>	<b>Body Shape</b>	<b>Mounting</b>
N Male	Straight	Free Hanging

## RF Specification

### VSWR Measurement

Frequency	VSWR	Return Loss	Insertion Loss
1000 MHz	$\leq 1.15:1$	$\leq 23$ dB	0.1 dB

## Physical Specification

Cable Group:	L-400	Conductor Attachment:	Cable, Crimp
Body Material:	Brass	Contact Material:	Lead-Brass Alloy (CuZn39Pb3)
Body Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)	Contact Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Dimensions:	36.6 x 20.8	Max. Operating Temperature:	85 °C
Compliance/Certifications:	RoHS		

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

