

N Male Connector for L-240 Coaxial Cable

Model Number

N1-C-L24

GTIN-13

9337692000935

Component Type

RF Connector

Usage

General Purpose

RF Category

UHF, Cellular, WiFi



N connectors remain popular throughout a range of wireless applications including UHF, 3G, 4G LTE, and WiFi technologies. Also referred to as the N-Type connector, the design is durable with good power handling characteristics.

The N Male connector is one of the most popular connectors for coaxial cables as many large antennas, WiFi access points and PTP radios use the corresponding Female interface. It can be identified by the medium sized rotating body which contains an inner thread. Its gold pin is separated from the outer body with a protective metal shroud.

This N Male crimp connector is used to terminate LMR-240 (or equivalent) series braided coaxial cables, such as Powertec PTL-240 cable.

The connector's coupling nut is supplied standard in finger-grip format.

Installation is very simple. After preparing the cable, the pin is soldered onto the centre conductor and outer body pushed over the top until the pin sits flush. A standard 6.5 mm (.255") hex die is used to crimp the ferrule to the coaxial cable.

- Supports frequencies up to 6 GHz
- Suits all L-240 series coaxial cables
- 6.5 mm (.255") hex die crimp attachment
- Interface compliant to IEC 61169-16

Component Technical Data

PHYSICAL CHARACTERISTICS

Body Material(s)	Brass	Contact Material(s)	Brass
Body Plating	Nickel	Contact Plating	Gold
Dimensions	26 x 20 x 20 mm	Operating Temperature	-55 °C to 165 °C
Weight	22 g	Mating Cycles	> 500
Mechanical Shock	MIL-STD-202 M.213 C.D	Vibration	MIL-STD-202 M.204 C.A

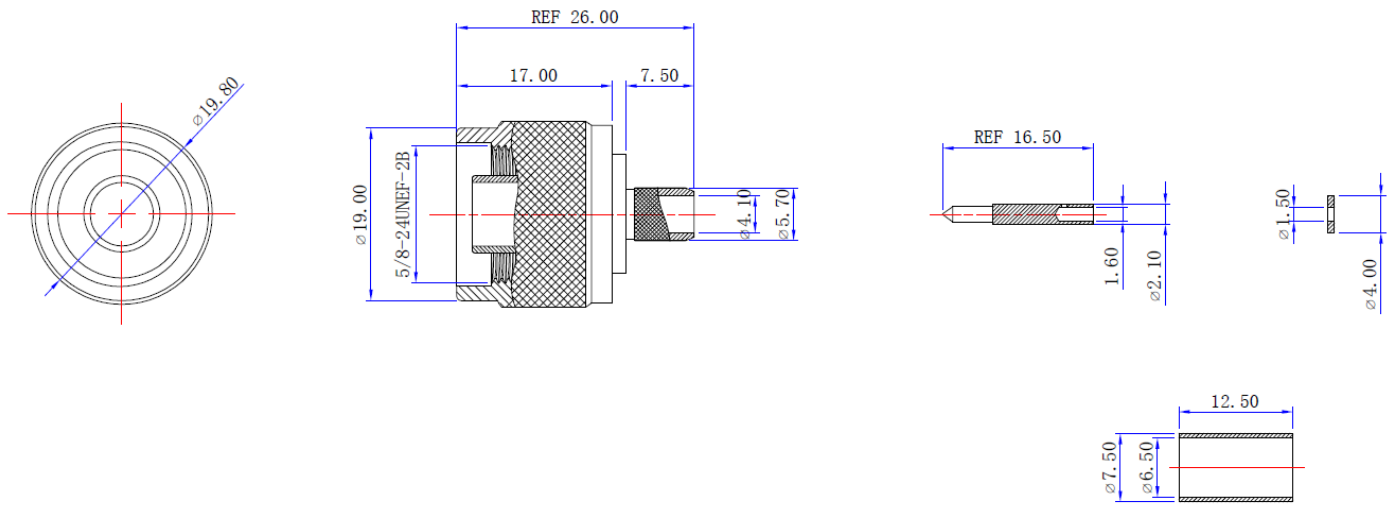
RF PERFORMANCE

Frequency Range	0 to 6000 MHz	Input Impedance	50 Ω
VSWR	< 1.5:1	Insertion Loss	< 0.1 dB
PIM, 3 rd Order	-	Working Voltage	1000 Vrms

INTERFACE

Series	N	Body Shape	Straight
Gender	Male	Mounting	Free Hanging

CAD Drawing





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