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Type C male to Type N female Adapter



Technical Data Sheet

This Type C male to Type N female adapter is one of several thousand RF products available from Max-Gain Systems, Inc. This adapter is a between series coaxial adapter.

This adapter is made from a Solid Brass body that is precision machined and plated with Silver for superior performance and value. This C male to BNC female adapter has a PTFE dielectric and a gold plated brass center pin. The C male side accepts the C female tabs or "bayonets" for quick and reliable connections and disconnections - very similar to a BNC connection, but at the same size and attributes as a type N connection. The Type N female side accepts a N male which contains a gasket, for shock- / vibration- resistant and waterproof connections.

Material Specifications

Type C male to Type N female Adapter

Part Number 8301

Description	Material	Plating
Center Pin	Brass	Gold
Insulator	PTFE	-
Body	Brass	Silver
Washer	Brass	Silver
Spring	SK5	Silver
Inner Retaining Spring	SK5	Silver
Gasket	Silicone	-
Shell	Brass	Silver

Mechanical Specifications

Size	Dimension
Length	1.16 in (29.55 mm)
Width	0.79 in (20 mm)
Height	0.79 in (20 mm)
Weight	1.3 oz (36 g)

Electrical Specifications

Description	Spec	Units
Operating Voltage (AC)	500	Vrms
Dielectric Withstanding V(AC)	1,500	Vrms
Impedance (Nominal)	50	Ohms
Frequency Range	DC to 10	GHz

Environmental Specifications

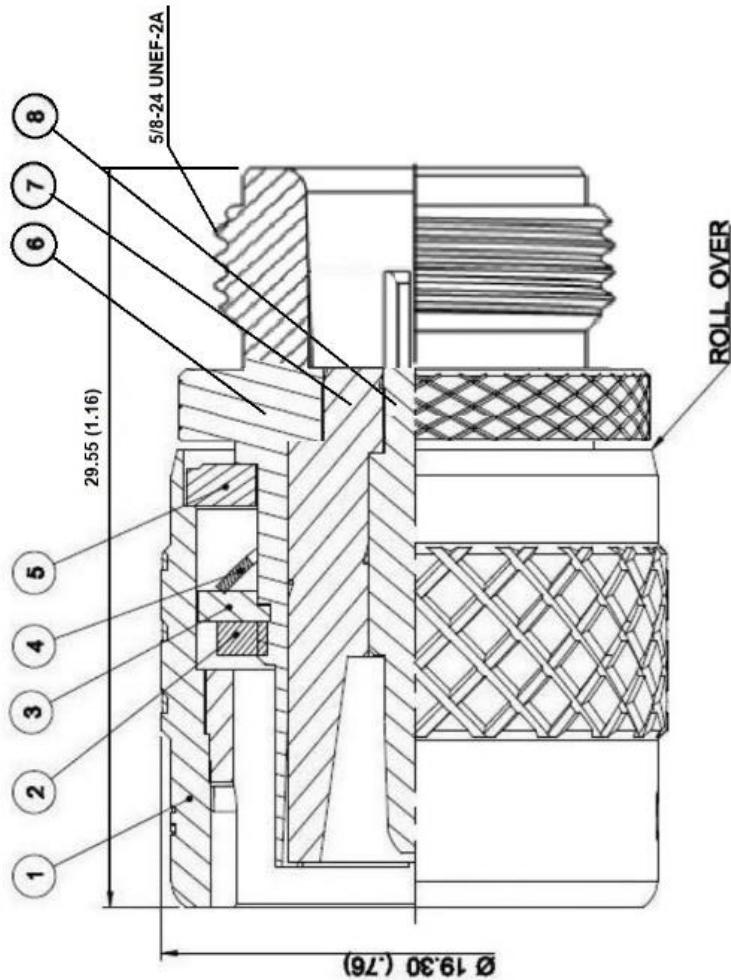
Temperature	Spec
Operating Range	-65 to +165 deg C

Compliance Certifications

 (see product page for current documentation)

Availability Click the following link (or enter part number in the “SEARCH” bar at the top of any page of the website) to obtain additional part information including price, inventory and certifications: <https://mgs4u.com/product/type-c-male-to-type-n-female-adapter-8301/>

VSWR	1.25:1
Frequency Range	DC to 11 GHz
Impedance	50 Ohms



MGS MAX-GAIN SYSTEMS, INC.

Max-Gain Systems, Inc.
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TITLE: Type C male to Type N female Adapter

NO.	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE:	DATE DRAWN	DATE CHECKED	DATE APPROVED	PART NO	UNLESS OTHERWISE SPECIFIED TOLERANCES
8	INNER CONTACT	BRASS	SILVER	1	-					0.5-5 = ±0.2
7	SHELL	BRASS	SILVER	1	-					5-30 = ±0.4
6	INSULATOR	TEFLON	WHITE	1	-					30-120 = ±0.6
5	GASKET	SILICONE	RED	1	-					120-315 = ±1
4	HOLDING RING	PHOSPHOR BRONZE		1	-					315-1000 = ±1.6
3	PIN	PHOSPHOR BRONZE	GOLD	1	-					1000-2000 = ±2.4
2	INSULATOR	TEFLON	WHITE	1	mm					
1	BODY	BRASS	SILVER	1						
NO.	DESCRIPTION	MATERIAL	FINISH	QTY	SCALE:					

DRAWING NO: 8301

CAGE CODE: 7JZZ8