



150 Dodd Street SE
Marietta, GA. 30060

Phone: 770-973-6251
Fax: 678-401-3854

Email: info@mgs4u.com
Website: www.mgs4u.com

Type N female to Type C male Adapter



Technical Data Sheet

This Type N female to Type C male 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. The Type N female side accepts a N male which contains a gasket, for shock- / vibration- resistant and waterproof connections. 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.

Material Specifications

Type N female to Type C male 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

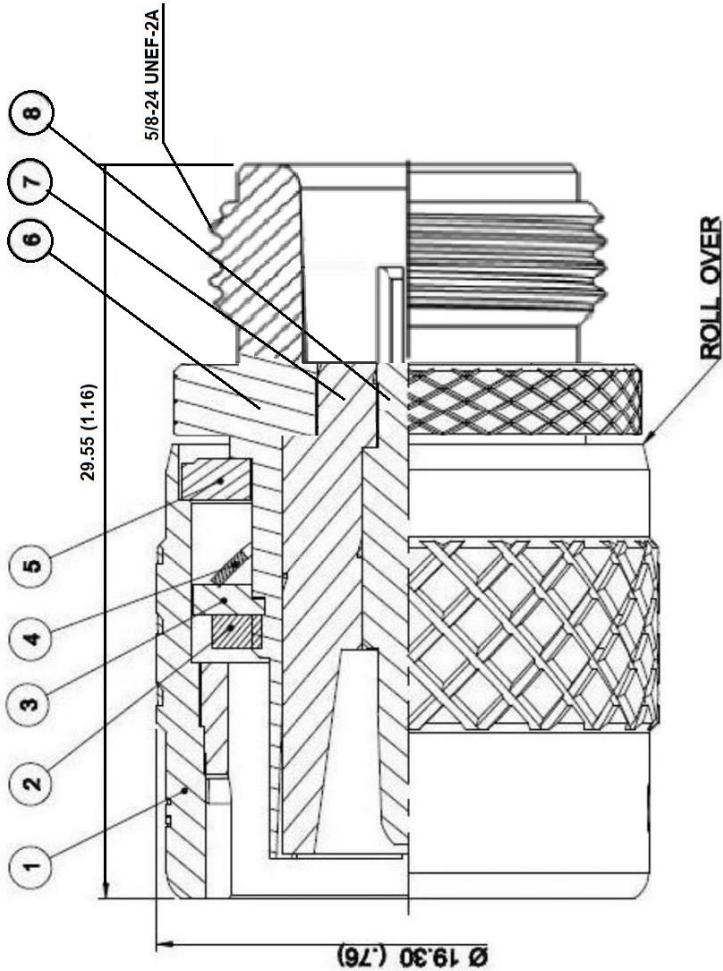
Temperature	Spec
Operating Range	-65 to +165 deg C

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-n-female-to-type-c-male-adapter-8301/>

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



MGS MAX-GAIN SYSTEMS, INC.

Max-Gain Systems, Inc.
150 Dodd Street SE, Marietta, GA, 30060
Phone: (770) 973-6251 Fax: (678) 401-3854
Website: www.mgs4u.com | E-Mail: sales@mgs4u.com

TITLE: Type N female to Type C male Adapter

DRAWING NO: 8301

CAGE CODE: 7JZZ8

NO.	DESCRIPTION	MATERIAL	QTY	SCALE:	DATE DRAWN	PART NO	DATE APPROVED
1	BODY	BRASS	1	mm			
2	INSULATOR	TEFLON	1				
3	PIN	PHOSPHOR BRONZE	1				
4	HOLDING RING	PHOSPHOR BRONZE	1				
5	GASKET	SILICONE	1				
6	INSULATOR	TEFLON	1				
7	SHELL	BRASS	1				
8	INNER CONTACT	SILVER	1				

UNLESS OTHERWISE
SPECIFIED TOLERANCES
0.5-5 = ±0.2
5-30 = ±0.4
30-120 = ±0.6
120-315 = ±1
315-1000 = ±1.6
1000-2000 = ±2.4

DATE CHECKED

DATE DRAWN

DATE APPROVED