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C male to BNC female Adapter



Technical Data Sheet

This C male to BNC 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 Nickel 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 BNC female side provides tabs or “bayonets” for quick and reliable connections and disconnections.

Material Specifications

Type C male to BNC female Adapter Part Number 8305

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

Mechanical Specifications

Size	Dimension
Length	1.27 in (32.10 mm)
Width	0.76 in (19.30 mm)
Height	0.76 in (19.30 mm)
Weight	1.1 oz (30 g)

Electrical Specifications

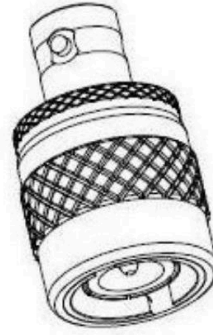
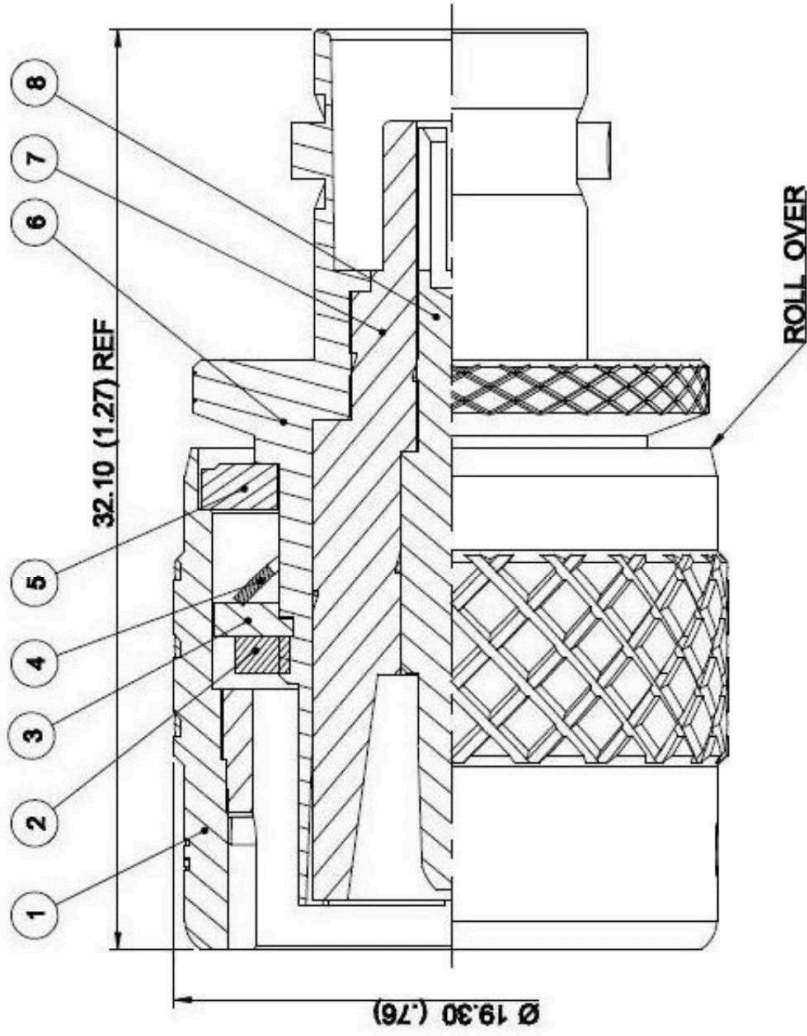
Description	Spec	Units
Operating Voltage (AC)	500	Vrms
Dielectric Withstanding V(AC)	1,500	Vrms

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/c-male-to-bnc-female-adapter-8305/>



NO	DESCRIPTION	MATERIAL	QTY	FINISH
6	CENTER PIN	P.H. Bronze	1	GOLD
7	INSULATOR	TEFLON	1	-
6	BODY	BRASS	1	NICKEL
5	WASHER	BRASS	1	NICKEL
4	SPRING	SK5	1	NICKEL
3	INNER RETAINING RING	SK5	2	NICKEL
2	GASKET	SILICONE	1	-
1	SHELL	BRASS	1	NICKEL

(RoHS Compliant)
Pb ≤ 4 wt%
Cd ≤ 75 ppm

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DESCRIPTION		DRAWING		SCALE	
C Plug to BNC Jack		DESIGNED	CHECKER	M/M	4:1
		APPROVED			
		UNIT: M/M			
		TOLERANCE			
		0-5mm	±0.05		
		5-10mm	±0.1		
		10-15mm	±0.2		
		15-20mm	±0.3		
		20mm ABOVE	±0.4		