



150 Dodd Street SE  
Marietta, GA. 30060

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

**Email:** [info@mgs4u.com](mailto:info@mgs4u.com)  
**Website:** [www.mgs4u.com](http://www.mgs4u.com)

SMA male to BNC male 72 inch Jumper



### Technical Data Sheet

This SMA male to BNC male 72 inch jumper is one of several thousand RF products available from Max-Gain Systems, Inc. This jumper is a between series coaxial jumper.

This jumper is made from a Solid Brass body that is precision machined and plated with Nickel (BNC side) & Gold (SMA side) for superior performance and value. This SMA male to BNC male 72 inch jumper has Delrin dielectrics and gold plated brass center pins in the cable end connectors. The RG-58 coax used has a full foil shield AND a braid that has 98%+ coverage. Solid center conductor for lowest loss, but remains flexible. The BNC male side accepts the BNC female tabs or “bayonets” for quick and reliable connections and disconnections. The SMA male side’s plug and interior threads provide a sub-miniature and tight-locking connection for use at higher frequencies. This SMA male to BNC male jumper uses 72 inches of RG-58 coaxial cable.

### Material Specifications

**SMA male to BNC male 72 inch Jumper**

**Part Number 7819-58CBL-72**

#### Cable End Connectors

Description	Material	Plating
Center Pin	Brass	Gold
Insulator	Delrin	-
Body	Brass	Nickel / Gold

## Coax

Description	Material and Plating
Inner Conductor	Copper
Conductor Type	Solid
Insulator	PE
First Shield	Foil, 100%
Second Shield	Tinned Copper Braid, 98%+
Jacket	PVC (NC), BLACK

## Mechanical Specifications

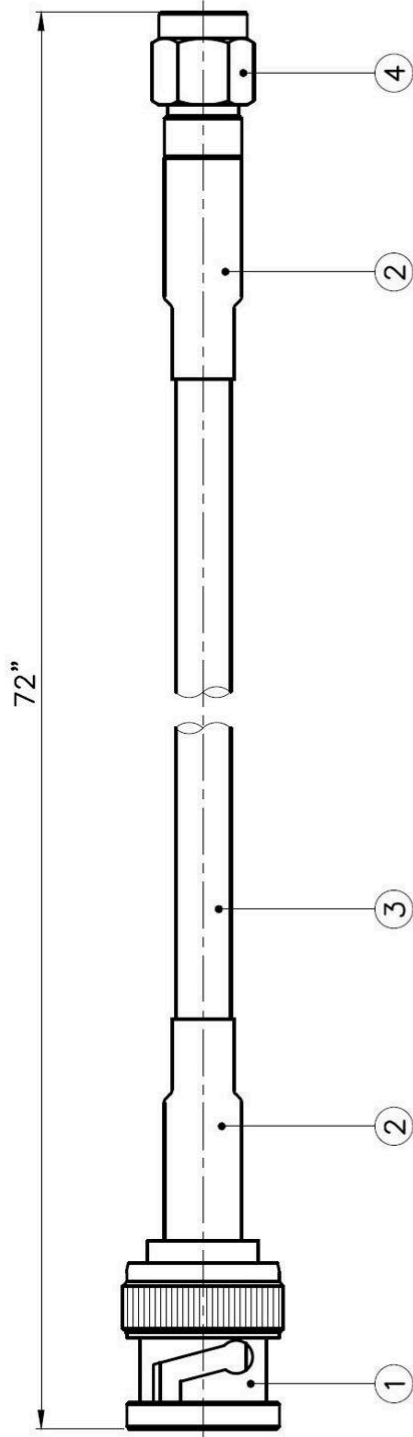
Size	Dimension
Length	72 in (182.88 cm)
Width	0.575 in (14.6 mm)
Height	0.575 in (14.6 mm)
Weight	2.3 oz (66 g)

## Environmental Specifications

Temperature	Spec
Operating Range	-40 to +80 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/sma-male-to-bnc-male-72-inch-jumper-7819-58cbl-72/?v=7516fd43adaa>



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: SMA male to BNC male  
 72 inch Jumper

DRAWING NO: 7819-58CBL-72

FILE NO :

PART NO	DATE
APPROVED	DATE
CHECKED	DATE
DRAWN	DATE
UNLESS OTHERWISE SPECIFIED TOLERANCES 0.5-5 = ±0.2 5-30 = ±0.4 30-120 = ±0.6 120-315 = ±1.0 315-1000 = ±1.6 1000-2000 = ±2.4	
UNIT: mm	
SCALE: -	

SMA MALE/ GOLD

RG58

HEAT SHRINK TUBING

BNC MALE/ NICKEL

DESCRIPTION