



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 UHF male 36 inch Jumper



### Technical Data Sheet

This SMA male to UHF male 36 inch jumper is one of several thousand RF products available from Max-Gain Systems, Inc. This jumper is a between series coaxial jumper.

This adapter is made from a Solid Brass body that is precision machined and plated with Nickel for superior performance and value. This SMA male to UHF male 36 inch jumper has a PTFE dielectric and a gold plated brass center pin. The SMA male side’s plug and interior threads provide a sub-miniature and tight-locking connection for use at higher frequencies. The UHF male side (also known as a PL-259 connection) is by far the most popular connection type used in Amateur Radio. This SMA male to UHF male jumper uses 36 inches of RG-174 coaxial cable.

### Material Specifications

**SMA male to UHF male 36 inch Jumper**

**Part Number 7827-CBL-36**

#### Cable End Connectors

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

## Coax

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

## Mechanical Specifications

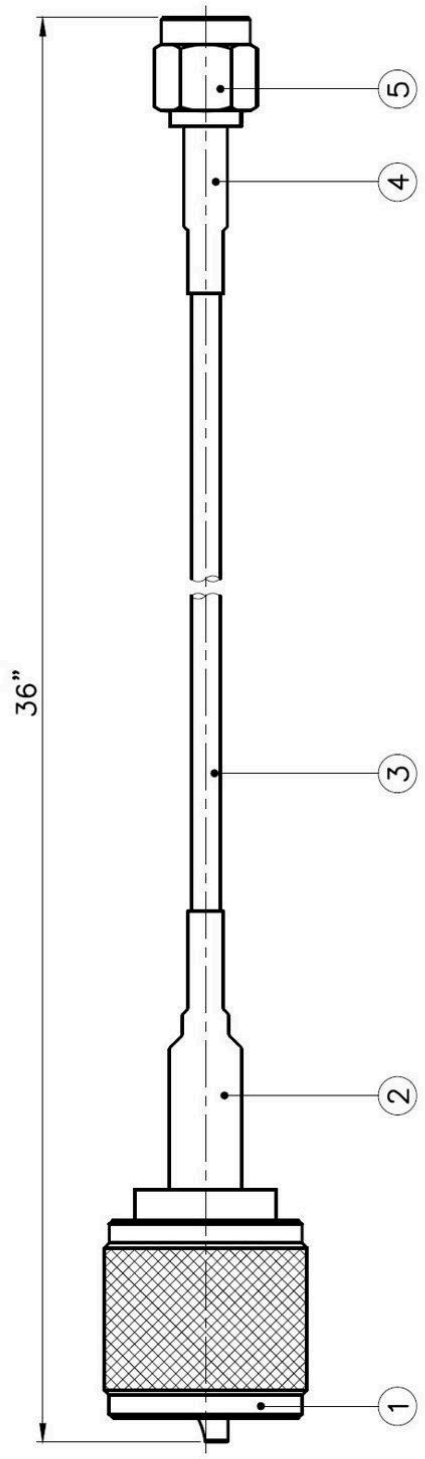
Size	Dimension
Length	<b>36 in (91.44 cm)</b>
Width	<b>0.71 in (18 mm)</b>
Height	<b>0.71 in (18 mm)</b>
Weight	<b>1 oz (28 g)</b>

## Environmental Specifications

Temperature	Spec
Operating Range	<b>-40 to +80 deg C</b>

## 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-uhf-male-36-inch-jumper-7827-cbl-36/?v=7516fd43adaa>



# 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: SMA male to UHF male  
 36 inch Jumper

DRAWING NO: 7827-CBL-36  
 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 = ±1 315-1000 = ±1.6 1000-2000 = ±2.4	
UNIT: mm	
SCALE: .	
5	SMA MALE/ GOLD
4	HEAT SHRINK TUBING
3	RG174/U
2	HEAT SHRINK TUBING
1	UHF MALE/ NICKEL
NO.	DESCRIPTION