



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 SMA male 18 inch Jumper



### Technical Data Sheet

This SMA male to SMA male 18 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 Gold for superior performance and value. This SMA male to SMA male 18 inch jumper has a PTFE dielectric and a gold plated brass center pin. Both sides provide a SMA male whose plug and interior threads provide a sub-miniature and tight-locking connection for use at higher frequencies. This SMA male to SMA male jumper uses 18 inches of RG-174 coaxial cable.

### Material Specifications

**SMA male to SMA male 18 inch Jumper**

**Part Number 7816-CBL-18**

#### Cable End Connectors

Description	Material	Plating
Center Pin	Brass	Gold
Insulator	PTFE	-
Body	Brass	Gold

## Coax

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

## Mechanical Specifications

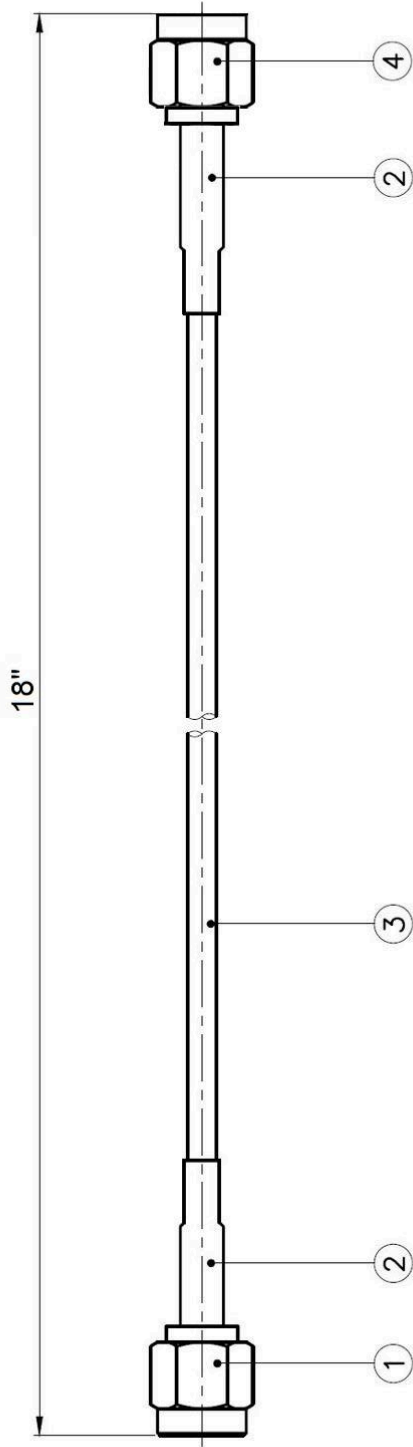
Size	Dimension
Length	18 in (45.72 cm)
Width	0.36 in (9.1 mm)
Height	0.36 in (9.1 mm)
Weight	0.4 oz (12 g)

## 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-sma-male-18-inch-jumper-7816-cbl-18/?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 SMA male  
 18 inch Jumper

DRAWING NO: 7816-CBL-18

FILE NO :

PART NO	DATE
APPROVED	DATE
CHECKED	DATE
DRAWN	DATE

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

NO.	DESCRIPTION
4	SMA MALE/ GOLD
3	RG174/U
2	HEAT SHRINK TUBING
1	SMA MALE/ GOLD