MAX-GAIN SYSTEMS, INC.

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SMA male to UHF female 10 inch Jumper

Technical Data Sheet

This SMA male to UHF female 10 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 (SMA side) & Nickel (UHF side) for superior performance and value. This SMA male to UHF female 10 inch jumper has a PTFE (SMA side) & Delrin (UHF side) dielectric and a gold (SMA side) & nickel (UHF side) 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 female side (also known as a SO-239 connection) is by far the most popular connection type used in Amateur Radio. This SMA male to UHF female jumper uses 10 inches of RG-174 coaxial cable.

Material Specifications

SMA male to UHF female 10 inch Jumper **Part Number 7828-CBL-10**

Cable End Connectors

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

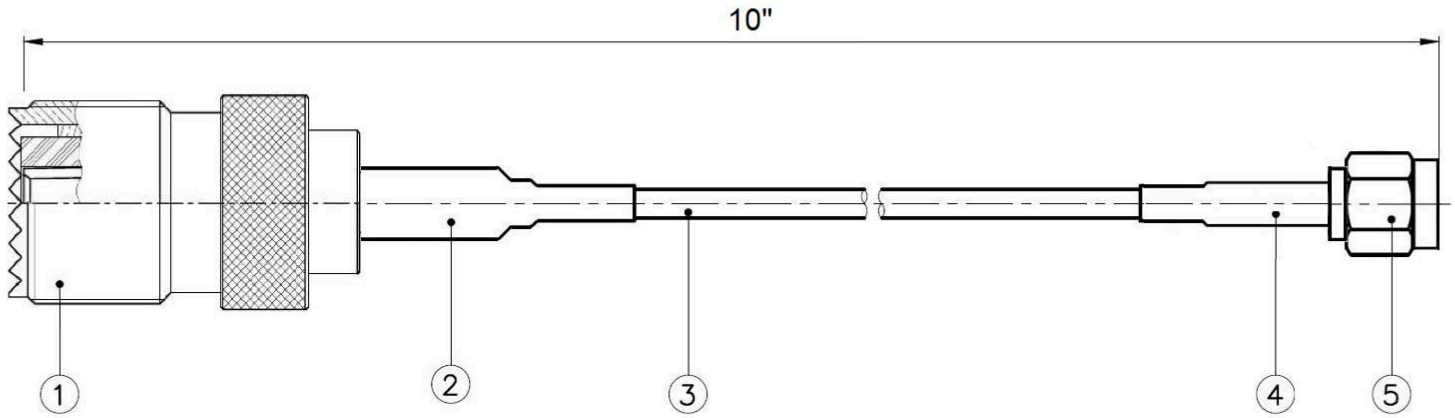
Size	Dimension
Length	**36 in (91.44 cm)**
Width	**0.71 in (18 mm)**
Height	**0.71 in (18 mm)**
Weight	**1.3 oz (36 g)**

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-uhf-female-10-inch-jumper-7828-cbl-10/?v=7516fd43adaa



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

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: -

PART NO	DATE
APPROVED	DATE
CHECKED	DATE
DRAWN	DATE

MGS MAX-GAIN SYSTEMS, INC.

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DRAWING NO: 7828–CBL–10

FILE NO :