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SMA female to UHF female 36 inch Jumper



Technical Data Sheet

This SMA female to UHF female 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 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 UHF female to SMA male 36 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 female side's jack and exterior 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 female to UHF female jumper uses 36 inches of RG-174 coaxial cable.

Material Specifications

UHF female to SMA female 36 inch Jumper

Part Number 7839-CBL-36

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

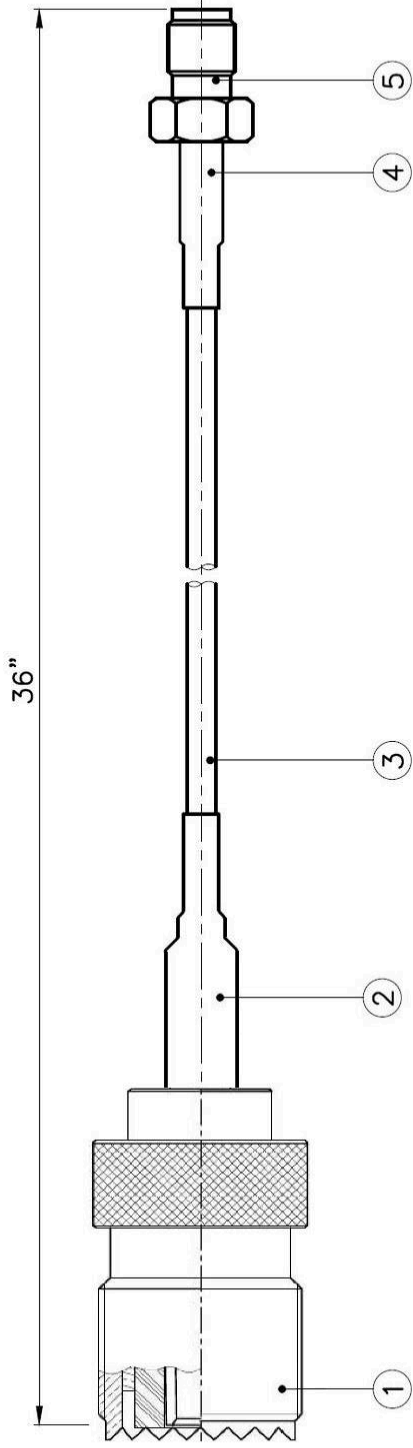
| Size | Dimension |
|--------|-------------------------|
| Length | 36 in (91.44 cm) |
| Width | 0.71 in (18 mm) |
| Height | 0.71 in (18 mm) |
| Weight | 1 oz (28 g) |

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-female-to-uhf-female-36-inch-jumper-7839-cbl-36/?v=7516fd43adaa>



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TITLE: SMA female to UHF female
 36 inch Jumper

DRAWING NO: 7839-CBL-36
 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 |
|-----|--------------------|
| 5 | SMA FEMALE/ GOLD |
| 4 | HEAT SHRINK TUBING |
| 3 | RG174/U |
| 2 | HEAT SHRINK TUBING |
| 1 | UHF FEMALE/ NICKEL |