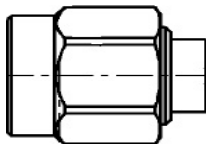


## K086MMHF-31CM

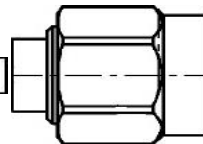
### Connector 1

2.92mm Male Plug 40 GHz



### Connector 2

2.92mm Male Plug 40 GHz



**Length Dimensions**      inch/cm  
**Overall end-to-end:**    12.2/31  
**Between Ref. Planes:**   11.98/30.4292  
**Less Connectors:**      11.34/28.82  
**C1 Ref. Plane (R/P):**    0.11/0.28  
**C2 Ref. Plane (R/P):**    0.11/0.28

**Cable Type:** 0.086" Hand Formable, RoHS  
**Jacket:** None  
**Length:** 31 cm long overall  
**Phase matching:** N/A  
**Test Data:** N/A  
**Rotation:** N/A

Cable Marker typically placed center cable includes P/N, Serial, and Manufacturer

**These specifications are subject to change without notice.**

**Component images are not to scale.**

### SPECIFICATIONS:

**FREQUENCY RANGE:** DC to 40 GHZ

**RETURN LOSS:** >16dB

**INSERTION LOSS (up to above frequency limit):** <1.1 dB/ft @ 18 GHz, <1.4 dB/ft @ 27 GHz, <2.0 dB/ft @ 40 GHz, <2.4 dB/ft @ 67 GHz (typical), +0.3 dB per connector

**CONNECTOR 1:** 2.92mm M, direct solder, straight, Precision Connector Inc. P/N: 3146, or equivalent

**CONNECTOR 2:** 2.92mm M, direct solder, straight, Precision Connector Inc. P/N: 3146, or equivalent

**CABLE TYPE:** Hand-Formable (tin-dipped woven copper braid outer conductor), (magnetic steel wire center conductor), 0.086" (2.2mm) diameter nominal, Micro-Coax P/N: UT-85-Form (select 67 GHz stocks), or equivalent

**MINIMUM INSIDE BEND RADIUS:** 0.125" (3.2mm) installation, 0.375" (9.5mm) continuous flexing

**SOLDER:** 96.5Sn3.0Ag0.5Cu (SAC305) Pb-free, COMPLIANT WITH EU Directive RoHS 3 (2015/863)

## RF COAX INC.

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File No: 0.1/0.25,11.8/29.98,0.1/0.25

**CAGE 1WF56**

RF Cable Assembly, 2.92mm M to 2.92mm M, 0.086 hand-formable, 40 GHz, 31cm long overall, RoHS

**TYPE:** Product Specification

**REVISION:** A      **Date :** 05/17/2025

**Item :** K086MMHF-31CM