



# SALES ORDER

No: W091519001  
Date: 09/15/2019

**RF COAX INC.**  
Email:sales@rfcoax.com  
1725 SAN FELIPE RD, STE 3  
HOLLISTER, CA 95023  
ph : 831-635-0820  
fax : 831-785-2990  
alt : 1-800-434-COAX (2629)

Payment Method: Credit Card  
Credit Card Type: VISA  
Credit Card No: XXXX-XXXX-XXXX-2718  
Your Reference No. Web Order

**Bill To**  
**Company Name:** YONSEI UNIVERSITY  
**Attn:** YOUNGKWAN JO  
**Address:** C531, 3RD ENGINEERING BLDG, YONSEI UNIVERSITY  
50 YONSEI-RO, SEODAEMUN-GU  
SEOUL, SEOUL 03722  
KOREA, REPUBLIC OF  
**Telephone:** +82-10-8850-7358  
**Email address:** joyoungkwan0122@gmail.com

**Ship To**  
**Company Name:** YONSEI UNIVERSITY  
**Attn:** YOUNGKWAN JO  
**Address:** C531, 3RD ENGINEERING BLDG, YONSEI UNIVERSITY  
50 YONSEI-RO, SEODAEMUN-GU  
SEOUL, SEOUL 03722  
KOREA, REPUBLIC OF  
**Telephone:** +82-10-8850-7358  
**Email address:** joyoungkwan0122@gmail.com

## Order Information

Item	P/N	Qty	Description	Each Price	Total Price
1	KG086MFHF-100CM-1LD	18	RF Cable Assembly, 2.92mm M to GPPO® F, 0.086 hand-formable, 40 GHz, lot +/- 1ps, 100cm long overall, RoHS, data	127.30	2,291.40

1-9 \$134.00, 10-24 \$127.30, 25-49 \$120.60, 50-99 \$113.90, 100-249 \$107.20, 250-499 \$100.50, 500+ \$93.80 USD each

MANUFACTURING LEAD TIME: Most orders <7 business days. Large orders may be 2-3 weeks. Parts are always in stock to build any order quantity. Order ships from Hollister CA USA; be sure to allow for shipping time to destination according to Buyer's chosen method.

STANDARD DOCUMENTATION: C of C: The Packing List includes a C of C statement. DATA: All cables are tested. Printed Graphical Test Data, S11 (Return Loss/VSWR), is included for one unit per Item Number to evidence lot testing, and typical performance. Measured S21 (Insertion Loss) is also provided except for straight "semi-rigid" cables >24-inches long. Printed Graphical Test Data per each cable is included when "data" appears in the product description, also noted by suffix "D" in the item number.

RoHS/REACH COMPLIANCE: All items stated "RoHS" in the product description are fully compliant with both RoHS Directive 2002/95/EC, 2011/65/EU (RoHS-2), 2015/863 (RoHS-3), and REACH 1907/2006. Otherwise may contain Lead (Pb) in solder only.

QUALITY MGMT. SYSTEM: ISO 9001:2015 - CERTIFIED

UPS WW Express

**Sub Total (USD)** 2,291.40  
**Freight(USD)** 72.00  
**Grand Total(USD)** 2,363.40

PRICES are FOB Orig/FCA Seller, and exclusive of VAT/freight. Buyer pays all duties/taxes.

COUNTRY OF ORIGIN: USA

The following Export information applies to all items herein:

Schedule B/Harmonized Tariff Code: 8544200000 UOM: KG

Description: Coaxial cable and other coaxial electric conductors

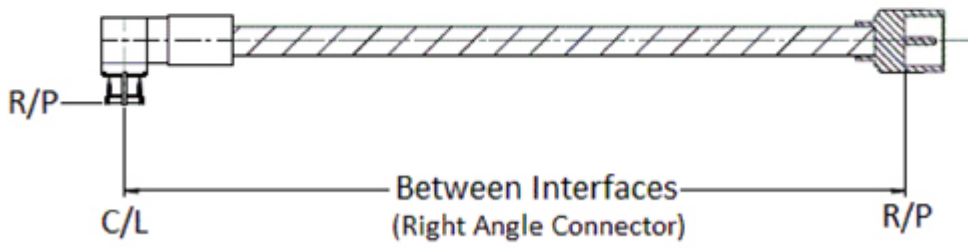
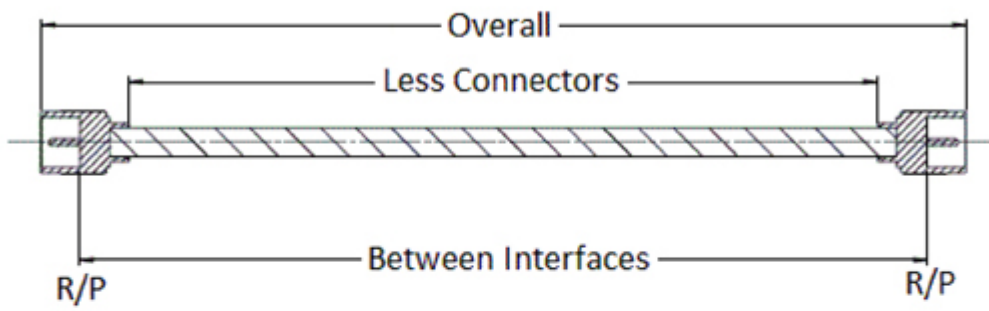
License Exception Code: NLR. ECCN: EAR99

All items are built-to-order, and as such are non-returnable, non-refundable if delivered correct as ordered. Buyers are encouraged to double-check their requirements prior to placing an order.

For questions regarding this order, contact Dave Curtis, TEL 831-635-0820 dcurtis@rfcoax.com

For order status visit <https://ordertracking.rfcoax.com/>

## LENGTHS DEFINED



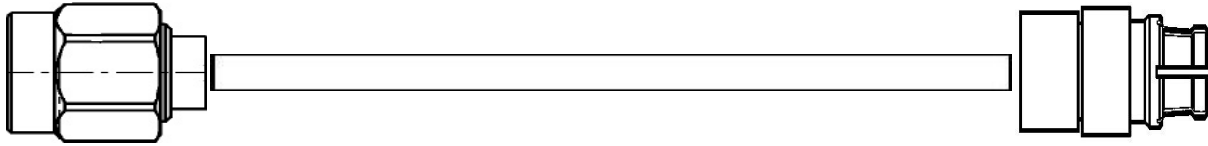
**KG086MFHF-100CM-1LD**

**Connector 1**

2.92mm Male Plug 40 GHz

**Connector 2**

GPPO® (SMPM) Female Jack 65 GHz



**Length Dimensions**      inch/cm  
**Overall end-to-end:**    39.37/100  
**Between Ref. Planes:**   39.26/99.7204  
**Less Connectors:**      38.66/98.18  
**C1 Ref. Plane (R/P):**    0.11/0.28  
**C2 Ref. Plane (R/P):**    0/0

**Cable Type:** 0.086" Hand Formable, RoHS  
**Jacket:** None  
**Length:** 100 cm long overall  
**Phase matching:** Phase Matching. Lot +/-1ps  
**Test Data:** Each Cable  
**Rotation:** NA

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:** Unspecified

**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 @ 65 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:** GPPO®/SMPM F, direct solder, straight, genuine Corning Gilbert P/N: B014-D11-01

**CABLE TYPE:** Hand-Formable (tin-dipped woven copper braid outer conductor), 0.086" (2.2mm) diameter nominal, Micro-Coax P/N: UT-85-Form (select 65 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 RoHS, RoHS 2, RoHS 3 Directives 2002/95/EC, 2011/65/EU, 2015/863

**RF COAX INC.**

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**CAGE 1WF56**

RF Cable Assembly, 2.92mm M to GPPO® F, 0.086 hand-formable, 40 GHz, lot +/- 1ps, 100cm long overall, RoHS, data

**TYPE:** Product Specification

**REVISION:** A    **Date :** 09/15/2019

**Item :** KG086MFHF-100CM-1LD