

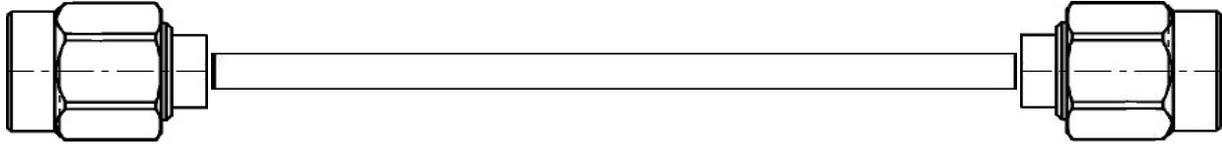
## S086MMHF-50

**Connector 1**

SMA Male Plug 27 GHz

**Connector 2**

SMA Male Plug 27 GHz



**Length Dimensions**      inch/cm  
**Overall end-to-end:**    50/127  
**Between Ref. Planes:**   49.78/126.44  
**Less Connectors:**      49.13/124.78  
**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:** 50 inches long overall  
**Phase matching:** No (Standard)  
**Test Data:** N/A  
**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 27 GHz

**RETURN LOSS:** >16dB to 20 GHz, >14dB to 27 GHz

**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:** SMA M, direct solder, straight, Radial P/N: R125.052.002, or equivalent

**CONNECTOR 2:** SMA M, direct solder, straight, Radial P/N: R125.052.002, or equivalent

**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 DIRECTIVE 2002/95/EC (ROHS)

### RF COAX INC.

1725 San Felipe Road, Suite 3  
 Hollister, CA 95023 USA  
 TEL: 831-635-0820, FAX: 831-785-2990  
 sales@rfcoax.com www.rfcoax.com  
 All rights reserved  
 File No: 0.13/0.32,49.62/126.03,0.13/0.32

**CAGE 1WF56**

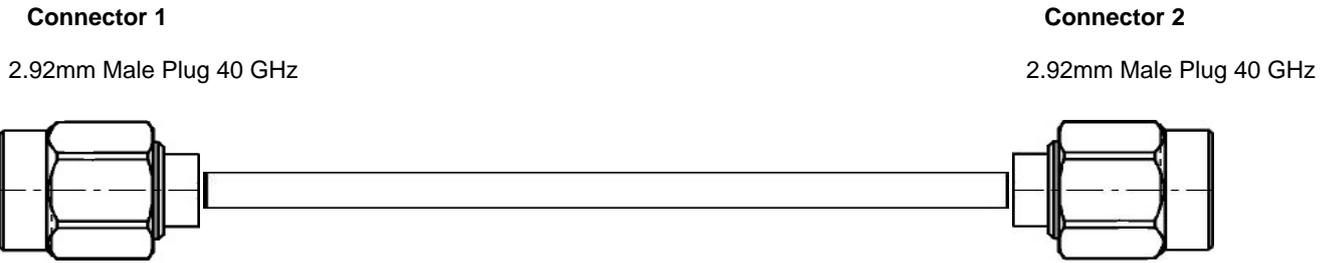
RF Cable Assembly, SMA M to SMA M, 0.086 hand-formable, 27 GHz, 50-inches long overall, RoHS

**TYPE:** Product Specification

**REVISION:** A      **Date :** 02/24/2015

**Item :** S086MMHF-50

## K086MMHF-50



<b>Length Dimensions</b>	inch/cm	<b>Cable Type:</b> 0.086" Hand Formable, RoHS
<b>Overall end-to-end:</b>	50/127	<b>Jacket:</b> None
<b>Between Ref. Planes:</b>	49.78/126.44	<b>Length:</b> 50 inches long overall
<b>Less Connectors:</b>	49.14/124.82	<b>Phase matching:</b> No (Standard)
<b>C1 Ref. Plane (R/P):</b>	0.11/0.28	<b>Test Data:</b> N/A
<b>C2 Ref. Plane (R/P):</b>	0.11/0.28	<b>Rotation:</b> 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:** >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 @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:** 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), 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 DIRECTIVE 2002/95/EC (ROHS)

**RF COAX INC.**

1725 San Felipe Road, Suite 3  
Hollister, CA 95023 USA  
TEL: 831-635-0820, FAX: 831-785-2990  
sales@rfcoax.com www.rfcoax.com  
All rights reserved  
File No: 0.1/0.25,49.62/126.03,0.1/0.25

**CAGE 1WF56**

RF Cable Assembly, 2.92mm M to 2.92mm M, 0.086 hand-formable, 40 GHz, 50-inches long overall, RoHS

**TYPE:** Product Specification

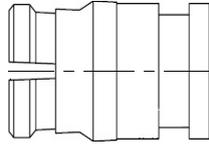
**REVISION:** A    **Date :** 02/24/2015

**Item :** K086MMHF-50

**P086FFHF-50**

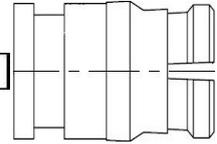
**Connector 1**

GPO®(SMP) Female Jack 40 GHz



**Connector 2**

GPO®(SMP) Female Jack 40 GHz



**Length Dimensions**      inch/cm  
**Overall end-to-end:**    50/127  
**Between Ref. Planes:**   50.00/127.00  
**Less Connectors:**      49.50/125.73  
**C1 Ref. Plane (R/P):**    0.00/0.00  
**C2 Ref. Plane (R/P):**    0.00/0.00

**Cable Type:** 0.086" Hand Formable, RoHS  
**Jacket:** None  
**Length:** 50 inches long overall  
**Phase matching:** No (Standard)  
**Test Data:** N/A  
**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:** GPO® /SMP F, direct solder, straight, genuine Corning Gilbert P/N: A014-D11-01, or equivalent

**CONNECTOR 2:** GPO® /SMP F, direct solder, straight, genuine Corning Gilbert P/N: A014-D11-01, or equivalent

**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 DIRECTIVE 2002/95/EC (ROHS)

**RF COAX INC.**

1725 San Felipe Road, Suite 3  
Hollister, CA 95023 USA  
TEL: 831-635-0820, FAX: 831-785-2990  
sales@rfcoax.com www.rfcoax.com  
All rights reserved  
File No: 0.07/0.17,49.8/126.49,0.07/0.17

**CAGE 1WF56**

RF Cable Assembly, GPO® F to GPO® F, 0.086 hand-formable, 40 GHz, 50-inches long overall, RoHS

**TYPE:** Product Specification

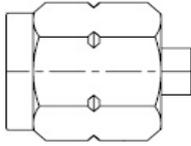
**REVISION:** A      **Date :** 02/24/2015

**Item :** P086FFHF-50

### Q086MMHF-50

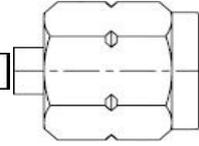
**Connector 1**

2.4mm Male Plug 50 GHz



**Connector 2**

2.4mm Male Plug 50 GHz



**Length Dimensions**      inch/cm  
**Overall end-to-end:**    50/127  
**Between Ref. Planes:**   49.80/126.49  
**Less Connectors:**      49.18/124.92  
**C1 Ref. Plane (R/P):**    0.10/0.25  
**C2 Ref. Plane (R/P):**    0.10/0.25

**Cable Type:** 0.086" Hand Formable, RoHS  
**Jacket:** None  
**Length:** 50 inches long overall  
**Phase matching:** No (Standard)  
**Test Data:** N/A  
**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 50 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 @65 GHz (typical), +0.3 dB per connector

**CONNECTOR 1:** 2.4mm M, direct solder, straight, Precision Connector Inc. P/N: 3525, or equivalent

**CONNECTOR 2:** 2.4mm M, direct solder, straight, Precision Connector Inc. P/N: 3525, or equivalent

**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 DIRECTIVE 2002/95/EC (ROHS)

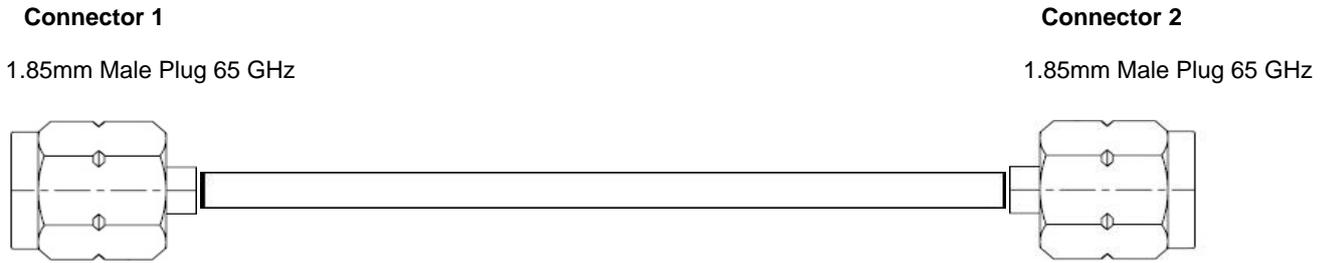
**RF COAX INC.**

1725 San Felipe Road, Suite 3  
 Hollister, CA 95023 USA  
 TEL: 831-635-0820, FAX: 831-785-2990  
 sales@rfcoax.com www.rfcoax.com  
 All rights reserved  
 File No: 0.07/0.18,49.94/126.85,0.07/0.18

**CAGE 1WF56**

RF Cable Assembly, 2.4mm M to 2.4mm M, 0.086 hand-formable, 50 GHz, 50-inches long overall, RoHS
<b>TYPE:</b> Product Specification
<b>REVISION:</b> A <b>Date :</b> 02/24/2015
<b>Item :</b> Q086MMHF-50

## V086MMHF-50



<b>Length Dimensions</b>	inch/cm	<b>Cable Type:</b> 0.086" Hand Formable, RoHS
<b>Overall end-to-end:</b>	50/127	<b>Jacket:</b> None
<b>Between Ref. Planes:</b>	49.80/126.49	<b>Length:</b> 50 inches long overall
<b>Less Connectors:</b>	49.18/124.92	<b>Phase matching:</b> No (Standard)
<b>C1 Ref. Plane (R/P):</b>	0.10/0.25	<b>Test Data:</b> N/A
<b>C2 Ref. Plane (R/P):</b>	0.10/0.25	<b>Rotation:</b> 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 65 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 @65 GHz (typical), +0.3 dB per connector

**CONNECTOR 1:** 1.85mm M, direct solder, straight, Precision Connector Inc. P/N: 3140, or equivalent

**CONNECTOR 2:** 1.85mm M, direct solder, straight, Precision Connector Inc. P/N: 3140, or equivalent

**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 DIRECTIVE 2002/95/EC (ROHS)

### RF COAX INC.

1725 San Felipe Road, Suite 3  
Hollister, CA 95023 USA  
TEL: 831-635-0820, FAX: 831-785-2990  
sales@rfcoax.com www.rfcoax.com  
All rights reserved  
File No: 0.07/0.18,49.94/126.85,0.07/0.18

**CAGE 1WF56**

RF Cable Assembly, 1.85mm M to 1.85mm M, 0.086 hand-formable, 65 GHz, 50-inches long overall, RoHS

**TYPE:** Product Specification

**REVISION:** A **Date :** 02/24/2015

**Item :** V086MMHF-50