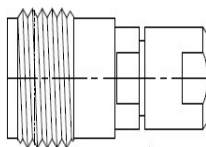


## KG047FF-10

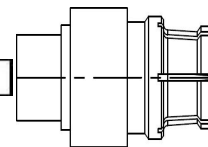
### Connector 1

2.92mm Female Jack 40 GHz (047)



### Connector 2

GPPO (SMPM) Female Jack 65 GHz (047)



**Length Dimensions** inch/cm  
**Overall end-to-end:** 10/25.4  
**Between Ref. Planes:** 9.92/25.21  
**Less Connectors:** 9.17/23.30  
**C1 Ref. Plane (R/P):** 0.08/0.19  
**C2 Ref. Plane (R/P):** 0.00/0.00

**Cable Type:** 0.047" Semi-Rigid, tin-plated copper  
**Jacket:** None  
**Length:** 10 inches 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:** Unspecified

**INSERTION LOSS (up to above frequency limit):** <1.7 dB/ft @ 18 GHz, <2.1 dB/ft @ 27 GHz, <2.6 dB/ft @ 40 GHz, <3.2 dB/ft @ 67 GHz, <5.0 dB/ft @ 110 GHz (typical), +0.3 dB per connector

**CONNECTOR 1:** 2.92mm F, solder clamp, straight, Precision Connector Inc. P/N: 3637, or equivalent

**CONNECTOR 2:** GPPO/SMPM F, direct solder, straight, genuine Corning Gilbert P/N: B014-B11-01

**CABLE TYPE:** Tin-plated copper semi-rigid outer conductor, (magnetic steel wire center conductor), 0.047" (1.2mm) diameter nominal, Micro-Coax P/N: UT-047-TP, or equivalent

**MINIMUM INSIDE BEND RADIUS:** 0.0625" (1.6mm) with slotted mandrel special tooling, 0.125" (3.2mm) without special tooling

**SOLDER:** SN63 tin/lead (standard), RoHS 5 Compliant

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File No: 0.07/0.17,9.47/24.05,0.06/0.14

**CAGE 1WF56**

RF Cable Assembly, 2.92mm Female to GPPO F, 0.047 tin-plated copper semi-rigid, 40 GHz, 10-inches long overall

**TYPE:** Product Specification

**REVISION:** A **Date :** 05/18/2025

**Item :** KG047FF-10