

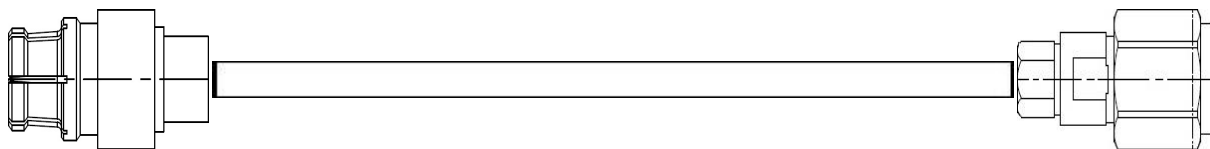
GW047FM-3D

Connector 1

GPPO (SMPM) Female Jack 65 GHz
(047)

Connector 2

1mm Male Plug 110 GHz (047)



Length Dimensions inch/cm
Overall end-to-end: 3/7.62
Between Ref. Planes: 2.94/7.47
Less Connectors: 2.26/5.73
C1 Ref. Plane (R/P): 0.00/0.00
C2 Ref. Plane (R/P): 0.06/0.15

Cable Type: 0.047" Semi-Rigid, tin-plated copper
Jacket: None
Length: 3 inches long overall
Phase matching: N/A
Test Data: Each Cable
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 65 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: GPPO/SMPM F, direct solder, straight, genuine Corning Gilbert P/N: B014-B11-01

CONNECTOR 2: 1mm M, solder clamp, straight, Precision Connector Inc. P/N: 3632, or equivalent

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

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: 0.06/0.14,2.76/7,0.07/0.17

CAGE 1WF56

RF Cable Assembly, GPPO F to 1mm M, 0.047 tin-plated copper
semi-rigid, 65 GHz, 3-inches long overall, data

TYPE: Product Specification

REVISION: A **Date :** 05/02/2025

Item : GW047FM-3D