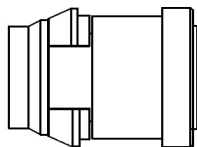


GS086MBMHF-10

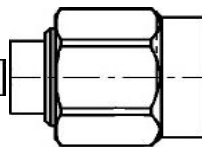
Connector 1

GPPO (SMPM) Male Bulkhead Plug
65 GHz



Connector 2

SMA Male Plug 27 GHz



Length Dimensions inch/cm
Overall end-to-end: 10/25.4
Between Ref. Planes: 9.81/24.91
Less Connectors: 9.26/23.52
C1 Ref. Plane (R/P): 0.08/0.21
C2 Ref. Plane (R/P): 0.11/0.28

Cable Type: 0.086" Hand Formable, RoHS
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 27 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 @ 67 GHz (typical), +0.3 dB per connector

CONNECTOR 1: GPPO/SMPM M, direct solder, straight, bulkhead, genuine Corning Gilbert P/N: B016-D33-01

CONNECTOR 2: SMA M, direct solder, straight, Radiall P/N: R125.052.002, 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)

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File No: 0.06/0.15,9.64/24.49,0.13/0.32

CAGE 1WF56

RF Cable Assembly, GPPO M BH to SMA M, 0.086 hand-formable, 27 GHz, 10-inches long overall, RoHS

TYPE: Product Specification

REVISION: A **Date :** 05/14/2025

Item : GS086MBMHF-10