

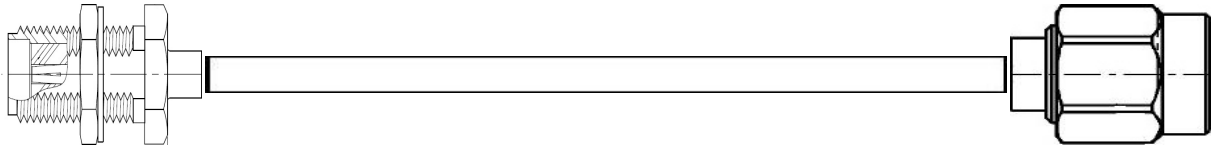
S086FBMHF-20

Connector 1

SMA Female Bulkhead Jack 27 GHz
(086)

Connector 2

SMA Male Plug 27 GHz



Length Dimensions inch/cm
Overall end-to-end: 20/50.8
Between Ref. Planes: 19.82/50.33
Less Connectors: 18.89/47.98
C1 Ref. Plane (R/P): 0.08/0.19
C2 Ref. Plane (R/P): 0.11/0.28

Cable Type: 0.086" Hand Formable, RoHS
Jacket: None
Length: 20 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: >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 F, direct solder, straight, bulkhead, Connectronics Inc. P/N: 42-550-1, or equivalent

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), 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), and 2011/65/EU (RoHS-2)

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CAGE 1WF56

RF Cable Assembly, SMA F BH to SMA M, 0.086 hand-formable, 27 GHz, 20-inches long overall, RoHS

TYPE: Product Specification

REVISION: A **Date :** 02/28/2017

Item : S086FBMHF-20