

SMA Female 2 Hole Flange to SMP Female Cable 12 Inch Length Using ET38325 Coax



RF Cable Assemblies Technical Data Sheet

ET32510

Configuration

Connector 1: SMA Female 2 Hole Flange

Connector 2: SMP Female
Cable Type: ET38325

Features

Max Frequency 18 GHz

Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET32510 SMA female 2 hole flange to SMP female 12 inch cable using ET38325 coax is part of our full line of RF components available for same-day shipping. Ebeestock's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Ebeestock SMA to SMP cable assembly has a female to female gender configuration with 50 ohm semi-rigid ET38325 coax. The ET3W05930-12 SMA female to SMP female cable assembly operates to 18 GHz. Our RF cable assembly with SMA 2 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC | | 18 | GHz |
| VSWR | | | 1.5:1 | |

Specifications by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|-----------------------|-----|-------|-------|-----|------|-------|
| Frequency | 1 | 2 | 4.5 | 9 | 18 | GHz |
| Insertion Loss (Max.) | 0.6 | 0.699 | 0.949 | 1.4 | 1.98 | dB |

Electrical Specification Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female 2 Hole Flange to SMP Female Cable 12 Inch Length Using ET38325 Coax ET32510

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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The Insertion Loss data above is based on the performance specifications of the coax use in this assembly. The Insertion Loss includes an estimated insertion loss of 0.2dB of connector Loss

Mechanical Specifications

Cable Assembly

Length* 12 in [304.8 mm]
Diameter 0.223 in [5.66 mm]

Cable

Cable Type
Impedance
Inner Conductor Type

ET38325

Solid

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type
Number of Shields
Outer Conductor Material and Plating
PTFE
1
Copper

Repeated Minimum Bend Radius 0.05 in [1.27 mm]

Connectors

| Connector 1 | Connector 2 SMP Female | |
|------------------------------------|--|--|
| SMA Female 2 Hole Flange | | |
| MIL-STD-348 | DESC 94008 | |
| 50 Ohms | 50 Ohms | |
| Beryllium Copper, Gold over Nickel | Beryllium Copper, Gold | |
| MIL-G-45204 | MIL-G-45204 | |
| PTFE | PTFE | |
| Stainless Steel, Gold | | |
| MIL-G-45204 | | |
| Stainless Steel, Gold over Nickel | Beryllium Copper, Gold | |
| MIL-G-45204 | MIL-G-45204 | |
| | SMA Female 2 Hole Flange MIL-STD-348 50 Ohms Beryllium Copper, Gold over Nickel MIL-G-45204 PTFE Stainless Steel, Gold MIL-G-45204 Stainless Steel, Gold over Nickel | |

Mechanical Specification Notes:

Environmental Specifications

Temperature

Operating Range -55 to +100 deg C

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^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

ET3W05930 - xx uu

Unit of Measure:

cm = Centimeters

chlank> = Inches

Base Number

Example: ET32510 = 12 inches long cable

ET3W05930-100cm = 100 cm long cable

SMA Female 2 Hole Flange to SMP Female Cable 12 Inch Length Using ET38325 Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/sma-female-2-hole-flange-to-smp-female-cable-12-inch-length-usin g-pe-047sr-coax-0032510

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

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