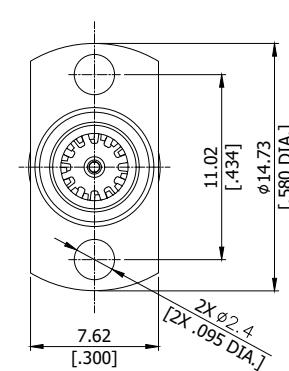
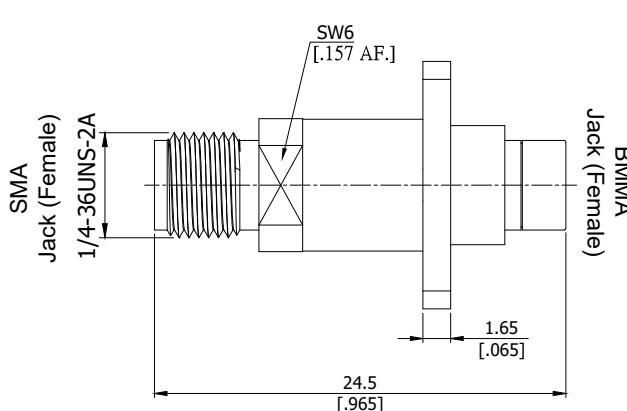
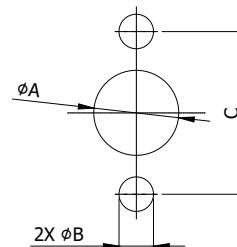


BMMA Jack(female) to SMA Jack(female) Straight Adapter DC-18GHz, VSWR ≤ 1.2

## AD-BM2A25A-PT / 9X-9X



Mounting Dimensions



|   | mm    |       | inch |      |
|---|-------|-------|------|------|
|   | Max.  | Min.  | Max. | Min. |
| A | 7.19  | 7.14  | .283 | .281 |
| B | 2.6   | 2.5   | .102 | .098 |
| C | 11.07 | 10.97 | .436 | .432 |

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

BMMA according to  
SMA according toMIL-STD-348B/321  
IEC 60169-15; MIL-STD-348B/310

## Electrical Data

|                                 |                      |
|---------------------------------|----------------------|
| Impedance                       | 50 Ω                 |
| Frequency                       | DC to 18 GHz         |
| VSWR (Return Loss)              | ≤ 1.20 (≥ 21 dB)     |
| Insertion Loss                  | ≤ 0.03 x √F (GHz) dB |
| Insulation Resistance           | ≥ 5 GΩ               |
| Operating Voltage(AC)           | 350 Vrms             |
| Dielectric Withstanding Voltage | 1000 Vrms            |

## Material And Plating

| Piece Parts (BMMA) | Material         | Plating                                                                          |
|--------------------|------------------|----------------------------------------------------------------------------------|
| Centre contact     | Beryllium Copper | Gold plating, 3 pinch<br>(Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body               | Stainless Steel  | Passivated                                                                       |
| Insulator          | PTFE             |                                                                                  |
| Piece Parts (SMA)  | Material         | Plating                                                                          |
| Centre contact     | Beryllium Copper | Gold plating, 3 pinch<br>(Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body               | Stainless Steel  | Passivated                                                                       |
| Insulator          | PTFE             |                                                                                  |

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

Date:  
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N-CAGE Code: SFKK0 / ISO9001 Certified

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BMMA Jack(female) to SMA Jack(female) Straight Adapter DC-18GHz, VSWR ≤ 1.2

**AD-BM2A25A-PT / 9X-9X****Mechanical Data**

|                                   |            |             |
|-----------------------------------|------------|-------------|
| Coupling mechanisms               | BMMA side  | SMA side    |
| Mating cycles                     | Slide-lock | Screw-lock  |
| Coupling nut retention            | ≥ 500      | ≥ 500       |
| Center contact captivation: axial | N/A        | N/A         |
| Coupling test torque              | N/A        | ≥ 200 N     |
| Recommended torque                | N/A        | max. 0.6 Nm |
| Engagement force                  | ≤ 13.5 N   | 0.5 Nm      |
| Disengagement force               | ≥ 2 N      | N/A         |

**Environmental Data**

|                   |                 |
|-------------------|-----------------|
| Temperature range | -65°C to +125°C |
| RoHS              | compliant       |

**Packing**

Single or 100