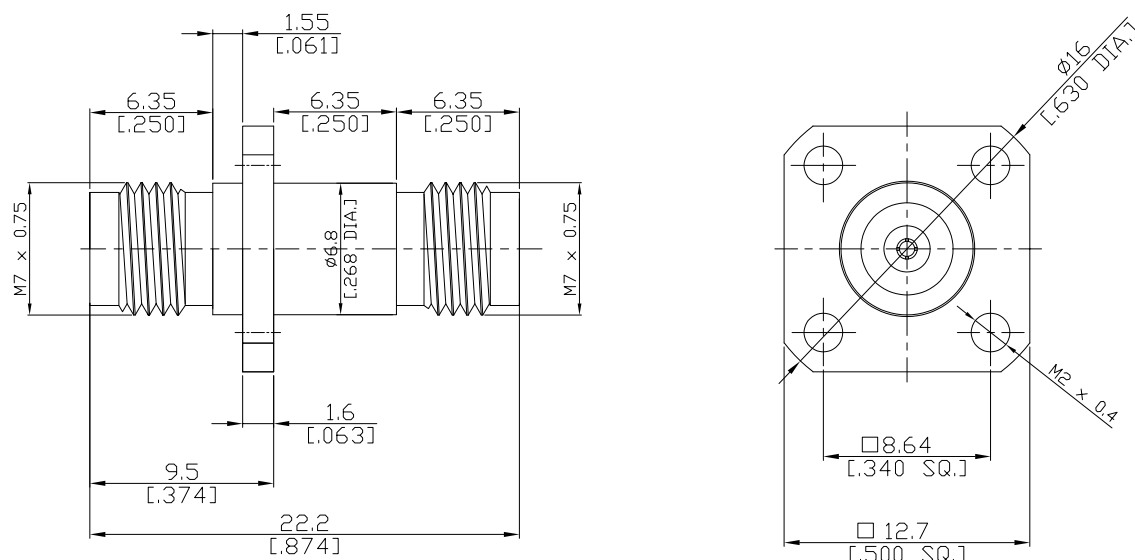


2.4mm jack (female) / 2.4mm jack (female) M2x0.4 Threaded  
Panel 4 Hole Flange Mount Adapter DC-50 GHz, VSWR ≤ 1.15

## AD-Q2Q25C-PFM2 / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

according to

IEC 61169-40

### Electrical Data

|                                |                      |
|--------------------------------|----------------------|
| Impedance                      | 50 Ω                 |
| Frequency                      | DC to 50 GHz         |
| VSWR (Return Loss)             | ≤ 1.15 (> 23.13 dB)  |
| Insertion Loss                 | ≤ 0.05 × √F (GHz) dB |
| Insulation resistance          | ≤ 5 mΩ               |
| Test voltage (at sea level)    | 500 V rms            |
| Working voltage (at sea level) | 150 V rms            |
| RF-leakage                     | ≥ 100 dB up to 1 GHz |

### Material And Plating

|                     |                  |                                                                                  |
|---------------------|------------------|----------------------------------------------------------------------------------|
| Piece Parts (2.4mm) | Material         | Plating                                                                          |
| Centre contact      | Beryllium Copper | Gold plating, 3 μinch<br>(Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body                | Stainless Steel  | Passivated                                                                       |
| Insulator           | PEI              |                                                                                  |
| Piece Parts (2.4mm) | Material         | Plating                                                                          |
| Centre contact      | Beryllium Copper | Gold plating, 3 μinch<br>(Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body                | Stainless Steel  | Passivated                                                                       |
| Insulator           | PEI              |                                                                                  |

2.4mm jack (female) / 2.4mm jack (female) M2x0.4 Threaded  
Panel 4 Hole Flange Mount Adapter DC-50 GHz, VSWR ≤ 1.15

## AD-Q2Q25C-PFM2 / 9X-9X

### Mechanical Data

|                            |                    |
|----------------------------|--------------------|
| Coupling mechanisms        | Screw-lock         |
| Mating cycles              | ≥ 500              |
| Center contact captivation | ≥ 20 N             |
| Coupling test torque       | 1.65 Nmm           |
| Recommended torque         | 0.80 Nm to 1.10 Nm |

### Environmental Data

|                     |                               |
|---------------------|-------------------------------|
| Temperature Range   | -65°C to +155°C               |
| Thermal shock       | IEC 61169-1, Subclause 9.4.4  |
| Corrosion           | IEC 61169-1, Subclause 9.4.6  |
| Vibration           | IEC 61169-1, Subclause 9.3.3  |
| Shock               | IEC 61169-1, Subclause 9.3.14 |
| Moisture resistance | IEC 61169-1, Subclause 9.4.3  |
| RoHS                | compliant                     |

### Packing

Single or 100