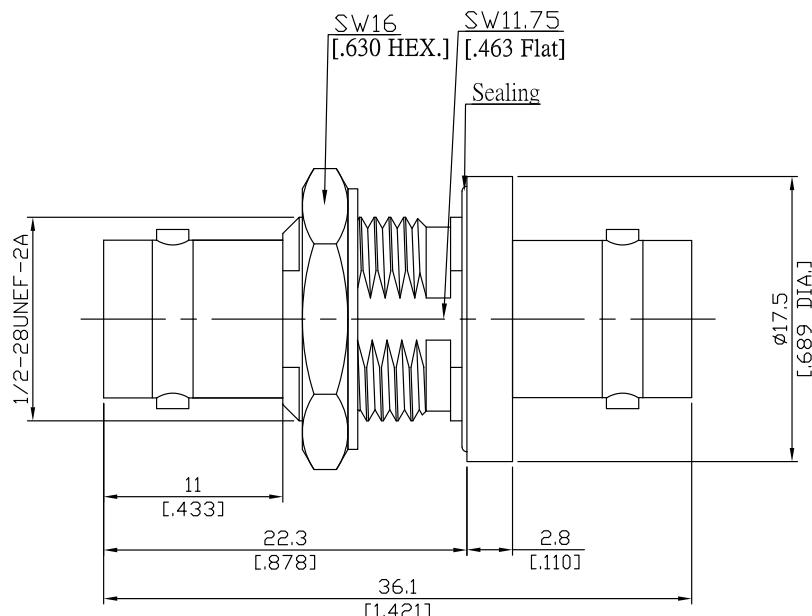


BNC jack (female) / BNC jack (female) Bulkhead Adaptor
DC-4 GHz, VSWR ≤ 1.20

AD-B2B25A-BH / H3-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

according to

IEC 61169-8; MIL-STD-348B/301

Electrical Data

| | |
|--|---------------------|
| Impedance | 50 Ω |
| Frequency | DC to 4 GHz |
| VSWR (Return Loss) | ≤ 1.20 (≥ 20.8 dB) |
| Insertion Loss | ≤ 0.1 x √F (GHz) dB |
| Insulation resistance | ≥ 5 GΩ |
| Center contact resistance | ≤ 1.5 mΩ |
| Outer contact resistance | ≤ 1 mΩ |
| Test voltage | 1500 V rms |
| Working voltage | 400 V rms |
| Power handling (at 20 °C, sea level, VSWR 1.0) | ≤ 80 W @ 2 GHz |

Material And Plating

| Piece Parts (BNC) | Material | Plating |
|-------------------|-----------------|--|
| Centre contact | Phosphor Bronze | Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body | Brass | Nickel |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Fastening nut | Brass | Nickel |
| Washer | Brass | Nickel |
| Piece Parts (BNC) | Material | Plating |
| Centre contact | Phosphor Bronze | Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body | Brass | Nickel |
| Insulator | PTFE | |

BNC jack (female) / BNC jack (female) Bulkhead Adaptor
DC-4 GHz, VSWR ≤ 1.20

AD-B2B25A-BH / H3-H3

Mechanical Data

| | |
|-----------------------------------|--------------|
| Coupling mechanisms | Bayonet-lock |
| Mating cycles | min. 500 |
| Center contact captivation: axial | ≥15 N |

Environmental Data

| | |
|---------------------|---------------------------------|
| Temperature Range | -65°C to +165°C |
| Thermal shock | MIL-STD-202, Meth. 107, Cond. B |
| Corrosion | MIL-STD-202, Meth. 101, Cond. B |
| Vibration | MIL-STD-202, Meth. 204, Cond. B |
| Shock | MIL-STD-202, Meth. 213, Cond. G |
| Moisture resistance | MIL-STD-202, Meth. 106 |
| RoHS | compliant |

Packing

Single or 100