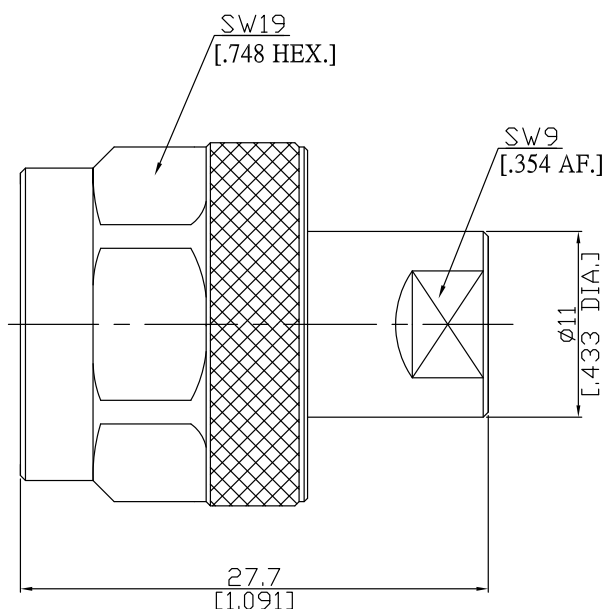


N plug (male) / FME plug (male)  
Straight Adaptor DC-2 GHz VSWR ≤ 1.43

## AD-N1E15A / H33-13



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

N according to

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

FME according to

N/A

### Electrical Data

Impedance

50 Ω

Frequency

DC to 2 GHz

VSWR (Return Loss)

≤ 1.43 (≥ 15 dB)

Insertion loss

≤ 0.1 x √F (GHz) dB

Insulation resistance

≥ 5 GΩ

Center contact resistance

≤ 10 mΩ, FME side

≤ 1 mΩ, N side;

Outer contact resistance

≤ 1.5 mΩ, FME side

≤ 0.25 mΩ, N side;

Test voltage

1000 V rms

Working voltage

500 V rms

### Material And Plating

| Piece Parts (N)   | Material        | Plating                                                                          |
|-------------------|-----------------|----------------------------------------------------------------------------------|
| Centre contact    | Phosphor Bronze | Gold plating, 3 μinch<br>(Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body              | Brass           | Nickel                                                                           |
| Insulator         | PTFE            |                                                                                  |
| Gasket            | Silicone Rubber |                                                                                  |
| Coupling nut      | Brass           | Nickel                                                                           |
| Piece Parts (FME) | Material        | Plating                                                                          |
| Centre contact    | Brass           | Gold plating, 3 μinch<br>(Non-magnetic nickel-phosphorus underplating, 80 μinch) |
| Body              | Brass           | Nickel                                                                           |
| Insulator         | PTFE            |                                                                                  |

N plug (male) / FME plug (male)  
Straight Adaptor DC-2 GHz VSWR ≤ 1.43

## AD-N1E15A / H33-13

### Mechanical Data

|                                   | N side           | FME side   |
|-----------------------------------|------------------|------------|
| Coupling mechanisms               | Screw-lock       | Screw-lock |
| Mating cycles                     | min. 500         | min. 300   |
| Coupling nut retention            | ≥ 450 N          | N/A        |
| Center contact captivation: axial | ≥ 28 N           | ≥ 28 N     |
| Coupling test torque              | max. 1.7 Nm      | max. 2 Nm  |
| Recommended torque                | 0.7 Nm to 1.1 Nm | N/A        |

### Environmental Data

|                     |                 |
|---------------------|-----------------|
| Temperature Range   | -65°C to +165°C |
| Environmental tests | MIL-STD-202     |
| RoHS                | compliant       |

### Packing

Single or 100