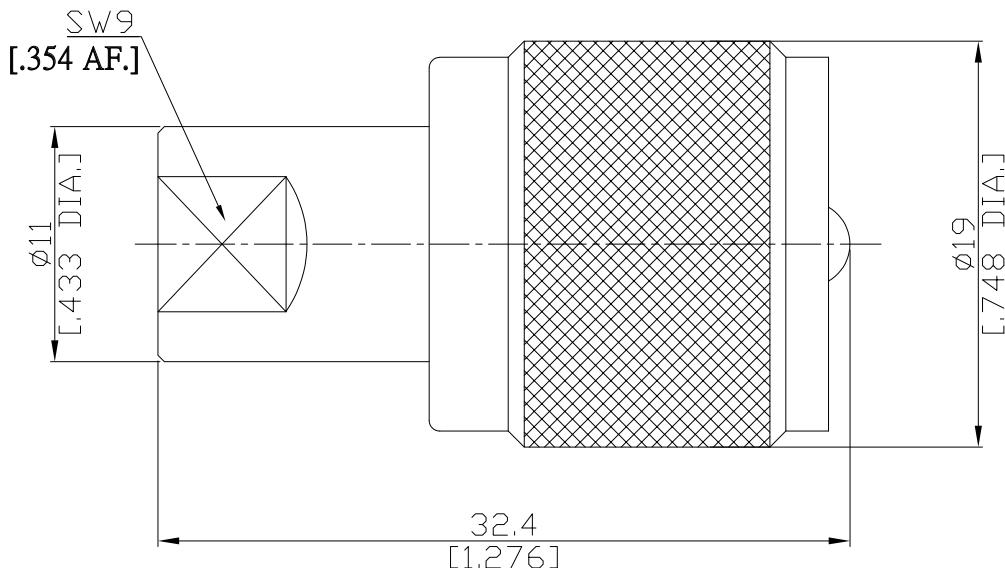


FME plug (male) / UHF plug (male)
Straight Adaptor DC-300 MHz

AD-E1U15A / 14-144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

InterfaceFME according to N/A
UHF according to IEC 60169-12**Electrical Data**

| | |
|---------------------------|---|
| Impedance | 50 Ω |
| Frequency | DC to 300 MHz |
| Insulation resistance | ≥ 5 GΩ |
| Center contact resistance | ≤ 10 mΩ, FME side |
| Outer contact resistance | ≤ 1.5 mΩ, FME side; ≤ 5 mΩ, UHF side; ≤ 5 mΩ, UHF side; |

Material And Plating

| Piece Parts (UHF) | Material | Plating |
|-------------------|-----------------|--|
| Centre contact | Brass | Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling nut | Brass | Copper-Tin-Zinc Alloy |
| Piece Parts (FME) | Material | Plating |
| Centre contact | Brass | Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |

FME plug (male) / UHF plug (male)
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Mechanical Data

| | | |
|-----------------------------------|------------|------------|
| Coupling mechanisms | FME side | UHF side |
| Mating cycles | Screw-lock | Screw-lock |
| Center contact captivation: axial | min. 300 | min. 500 |
| Coupling test torque | ≥ 28 N | ≥ 30 N |

| | |
|-----------|-----|
| max. 2 Nm | N/A |
|-----------|-----|

Environmental Data

| | |
|-------------------|-----------------|
| Temperature Range | -65°C to +165°C |
| RoHS | compliant |

Packing

Single or 100