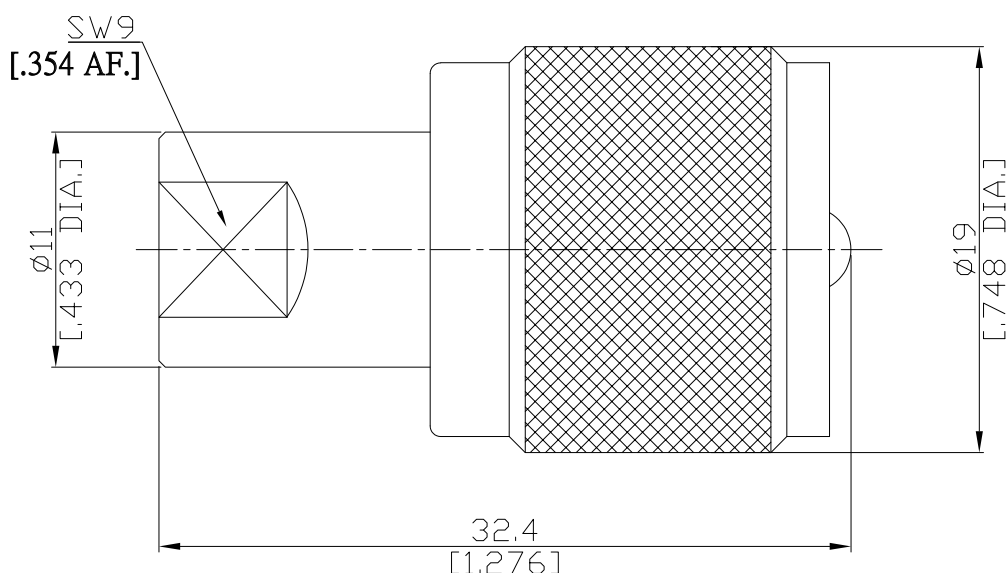


FME plug (male) / UHF plug (male)  
Straight Adaptor DC-300 MHz

**AD-E1U15A / 14-H44**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

FME 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	≤ 5 mΩ, UHF side;
Outer contact resistance	≤ 1.5 mΩ, FME side	≤ 5 mΩ, UHF side;

**Material And Plating**

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

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

**AD-E1U15A / 14-H44**

**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