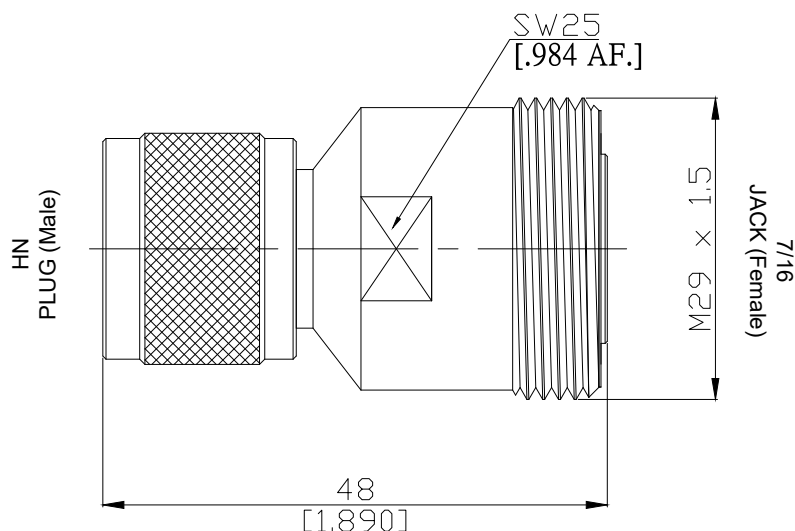


HN plug (male) / 7/16 jack (female) Straight
Adaptor DC-4 GHz VSWR 1.3

AD-HN1D25A / 133-H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

HN according to

MIL-STD-348B/317

7/16 according to

IEC 60169-4

Electrical Data

Impedance

50 Ω

Frequency

DC to 4 GHz

VSWR (Return Loss)

≤ 1.3 (≥ 17.7 dB)

Insertion loss

$\leq 0.05 \times \sqrt{F}$ (GHz) dB

Center contact resistance

≤ 8 m Ω ; HN side

≤ 0.4 m Ω ; N side

Outer contact resistance

≤ 2 m Ω ; HN side

≤ 1.5 m Ω ; N side

RF-leakage

≥ 128 dB @ DC to 1 GHz

Material And Plating

Piece Parts (HN)	Material	Plating
Centre contact	Brass	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Piece Parts (7/16)	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 pinch (Non-magnetic nickel-phosphorus underplating, 80 pinch)
Body	Brass	Nickel
Insulator	PTFE	

HN plug (male) / N jack (female)
Straight Adaptor DC-4 GHz VSWR 1.5

AD-HN1D25A / 133-H3

Mechanical Data

Coupling mechanisms	HN side	7/16 side
Mating cycles	Screw-lock	Screw-lock
Center contact captivation: axial	min. 500	min. 500
Coupling test torque	N/A	≥ 200 N
Coupling torque recommended	≤ 1.7 Nm	N/A
	0.7 Nm to 1.1 Nm	24.97 Nm

Environmental Data

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

Packing

Single or 100