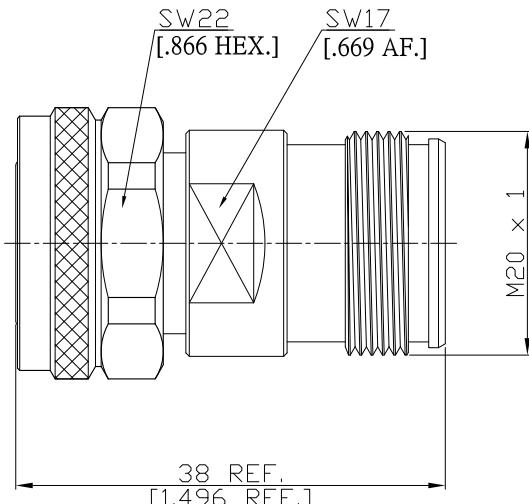


4.3-10 Plug (Male) to 4.3-10 Jack (Female) Adapter
DC-12GHz VSWR1.15 PIM: ≥ 165 dBc (2 x 43 dBm)

AD-43101431025B / 144-H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 61169-54

Electrical Data

Impedance	50 Ω
Frequency	DC to 12 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23.13 dB)
Insertion Loss	$\leq 0.05 \times \sqrt{f}$ (GHz) dB
Insulation Resistance	≥ 5 G Ω
Center Contact Resistance	≤ 1.0 m Ω
Outer Contact Resistance	≤ 1.0 m Ω
Test Voltage (at sea level)	2500 V rms
Working Voltage (at sea level)	500 V rms
RF Leakage	≥ 110 dB @ DC to 6 GHz
Power Handling	500 W @ 2.0 GHz
Intermodulation (3 rd order)	≥ 165 dBc (2 x 43 dBm)

Material And Plating

Piece Parts (4.3-10)	Material	Plating
Centre Contact	Brass	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling Nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (4.3-10)	Material	Plating
Centre Contact	Phosphor Bronze	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	