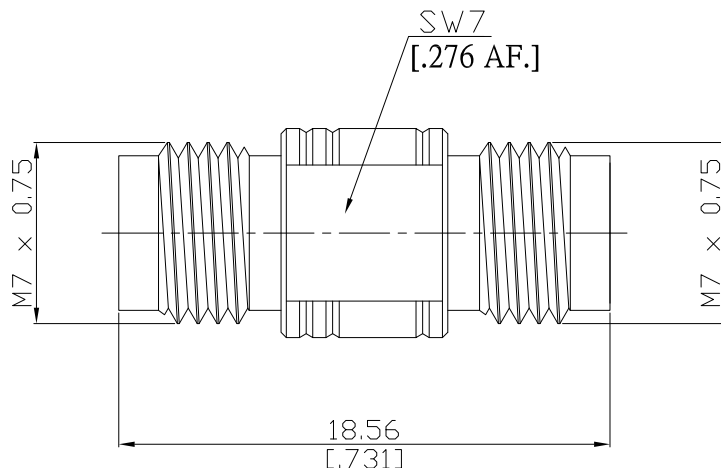


1.85mm jack (Female) / 2.4mm jack (Female)
Adaptors Straight DC-50 GHz VSWR1.20

AD-V2Q25A / 9X-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

1.85mm according to	IEC 61169-32
2.4mm according to	IEC 61169-40
Mechanically compatible with	1.85mm, 2.4mm

Electrical Data

Impedance	50 Ω
Frequency	DC to 50 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.8 dB)
Insertion Loss	≤ 0.05 x √F (GHz) dB

Mechanical Data

	1.85mm Side	2.4mm Side
Coupling mechanisms	Screw-lock	Screw-lock
Mating cycles	min. 500	min. 500
Center Contact Captivation	≥ 20 N	≥ 20 N
Coupling test torque	1.65 Nm	1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm	0.80 Nm to 1.10 Nm

Environmental Data

Temperature Range	-60°C to +100°C
RoHS	compliant

Material And Plating

Piece Parts (1.85mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	
Piece Parts (2.4mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PS	

Packing

Single or 100