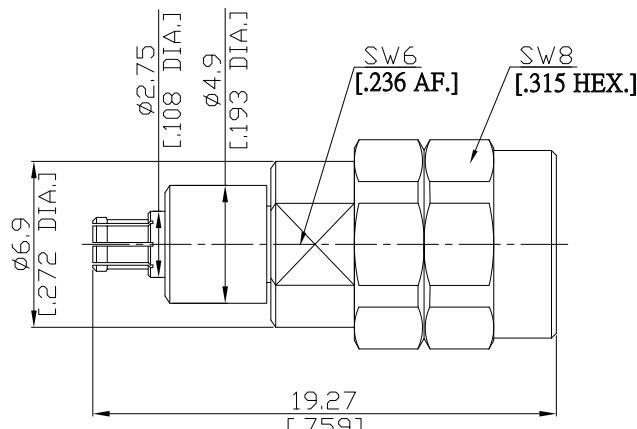


2.4mm plug (male) / SMPM jack (female)  
Straight Adapter DC-40GHz VSWR 1.25

## AD-Q1PM25A / 9XX-99



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

2.4mm according to IEC 61169-40; MIL-STD-348B/324  
SMPM according to MIL-STD-348B/328

## Electrical Data

Impedance 50 Ω  
Frequency DC to 40 GHz  
VSWR (Return Loss) ≤ 1.25 (≥ 19.1 dB)  
Insertion Loss ≤ 0.05 x √F (GHz) dB

## Mechanical Data

Coupling mechanisms	2.4mm Side	SMPM Side
Mating Cycles	Screw-lock	Snap-lock
Coupling Nut Retention	≥ 500	Full detent: ≥ 100; Smooth bore: ≥ 500
Center Contact Captivation	≥ 270 N	≥ 270 N
Coupling Test Torque	≥ 20 N	≥ 20 N
Recommended Torque	1.65 Nm max.	1.65 Nm
	0.9 Nm	0.80 Nm to 1.10 Nm

## Environmental Data

Temperature Range -55°C to +125°C  
RoHS compliant

## Material And Plating

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	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated
Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PS	

## Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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