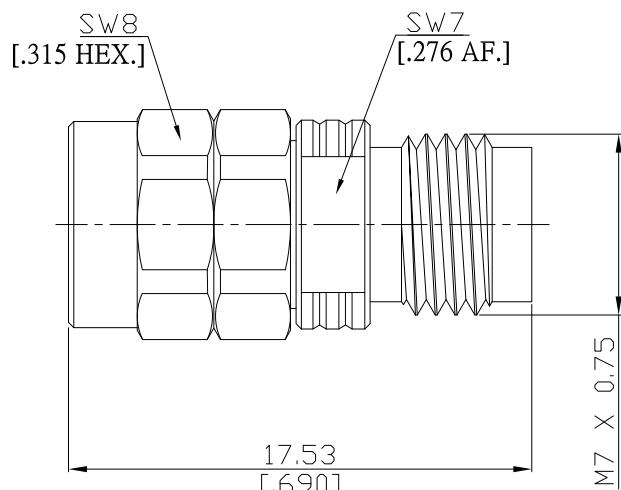


2.4mm plug (male) / 1.85mm jack (Female)  
Adaptors Straight DC-50 GHz VSWR1.20

## AD-Q1V25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

2.4mm according to	IEC 61169-40
1.85mm according to	IEC 61169-32
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

Coupling mechanisms	2.4mm Side	1.85mm Side
Mating cycles	Screw-lock	Screw-lock
Center Contact Captivation	min. 500	min. 500
Coupling test torque	≥ 20 N	≥ 20 N
Recommended torque	1.65 Nm	1.65 Nm
	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 (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	Passivated
Coupling nut	Stainless Steel	Passivated
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	

### 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.

Rev.:-

Date:

6/23/2019

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N-CAGE Code: SFKK0 / ISO9001 Certified

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