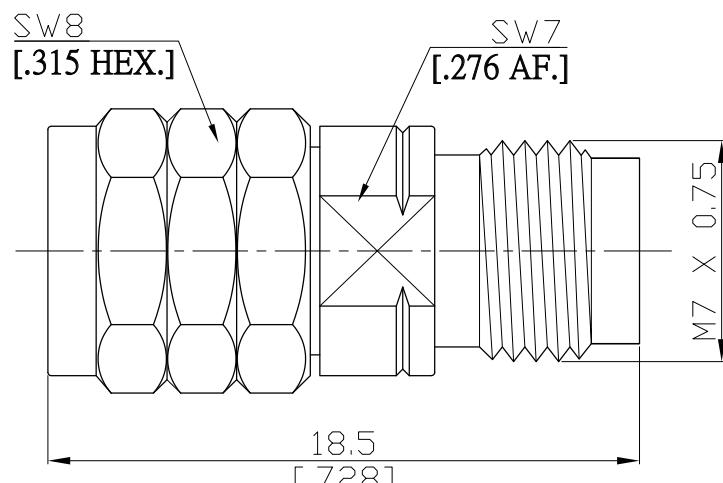


1.85mm plug (male) / 2.4mm jack (Female)
Adaptors Straight DC-50 GHz VSWR1.20

AD-V1Q25A / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

1.85mm acording to	IEC 61169-32
2.4mm acording 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

Coupling mechanisms	1.85mm Side	2.4mm 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 (1.85mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated
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	PEI	

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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