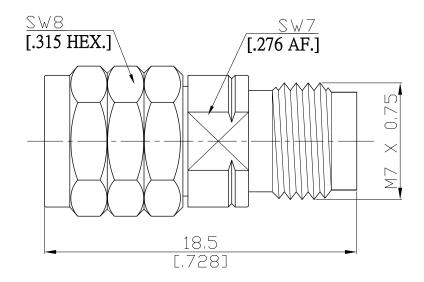


Technical Data Sheet

Adaptor plug/plug 1.85mm plug (male) / 2.4mm jack (Female)

AD-V1Q25A/9XX-9X



All dimensions are in mm [inch]

Interface

Mechanically compatible with

1.85mm acording to 2.4mm acording to

1.85mm, 2.4mm

IEC 61169-32, IEEE Std 287-2007 IEC 61169-40, IEEE Std 287-2007

Electrical Data

Impedance Frequency

VSWR (Return Loss)
Insertion Loss

50 Ω

DC to 50 GHz $\leq 1.25 \ (\geq 19.08 \ dB)$ $\leq 0.05 \ x \sqrt{F (GHz)} \ dB$

Mechanical Data

Coupling mechanisms Weight Screw-lock N/A

Environmental Data

Temperature range RoHS -55°C to +100°C compliant

Material And Plating

Piece Parts (1.85mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	
Coupling nut	Stainless Steel	Passivated
Piece Parts (2.4mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our	Rev-10	Rosnol RF/Microwave Technology	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	
In the effort to improve our products, we reserve the right to make changes $% \frac{1}{2}\left(\frac{1}{2}\right) =\frac{1}{2}\left(1$	Date:	Phone: +886-3-463-5095 / Fax:+886-3-463-5952	1/1
judged to be necessary.	14/01/13	N-CAGE Code: SFKK0	1/ 1