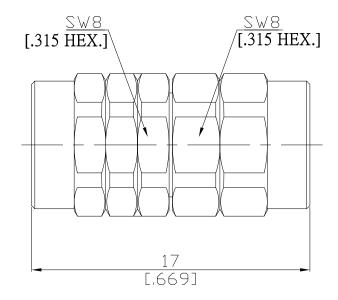


Technical Data Sheet

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

AD-V1Q15A/9XX-9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

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

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & \mbox{DC to } 50 \ \mbox{GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.20 \ (\geq 20.8 \ \mbox{dB)} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \mbox{\sqrt{F (GHz)}} \ \mbox{dB} \end{array}$

Mechanical Data

Coupling mechanisms Screw-lock Weight N/A

Environmental Data

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

Material And Plating

Piece Parts (RPC1.85)	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PS	
Coupling nut	Stainless Steel	Passivated
Piece Parts (RPC2.4)	Material	Plating
Piece Parts (RPC2.4) Centre contact	Material Beryllium Copper	Plating Gold plating (Nickel underplated)
		<u> </u>
Centre contact	Beryllium Copper	Gold plating (Nickel underplated)

Packing

Single or 100

knowledge, but t	gures herein are carefully compiled to the best of our ney are intended for general informational purposes only.	Ke
In the effort to im	prove our products, we reserve the right to make changes	Date:
judged to be nec	essary.	14/01

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