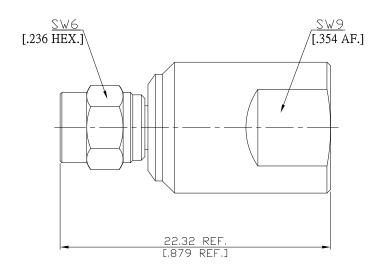


Technical Data Sheet

SMC Plug (Male) to FME Plug (Male) Adapter

AD-MC1E15A/144-14



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to SMC side: IEC 60169-9; CECC 22140; MIL-C-39012; MIL-STD-348A/312

FME side: N/A

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to 2 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.20 \ \mbox{(\geq 20.83 dB)} \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \mbox{\sqrt{f (GHz)} dB} \end{array}$

Mechanical Data

Temperature range SMC (Screw-lock); FME (Screw-lock)
RoHS NI/A

Environmental Data

Coupling mechanisms
-65°C to +165°C
Weight compliant

Material And Plating

Packing

Piece Parts (SMC)	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Piece Parts (FME)	Material	Plating
Piece Parts (FME) Centre contact	Material Brass	Plating Gold plating(Nickel underplated)
		Ü
Centre contact	Brass	Gold plating(Nickel underplated)

Single or 100

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The facts and figures herein are carefully compiled to the best of our	K \(\tau \)	Rosnol RF/Microwave Technology	Page
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