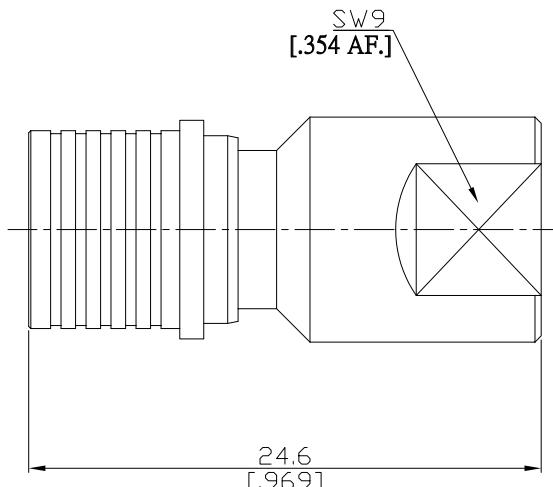


QMA Plug (Male) to FME Plug (Male) Adapter
DC-2GHz VSWR ≤1.20

AD-QA1E15A/133-13



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

QMA Side
IEC 61169-50FME Side
N/A

Electrical Data

Impedance

50 Ω

Frequency

DC to 2 GHz

VSWR (Return Loss)

≤ 1.20 (≥ 20.83 dB)

Insertion Loss

≤ 0.1 x √f (GHz) dB

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 3.0 mΩ, QMA Side

≤ 10.0 mΩ, FME Side

Outer Contact Resistance

≤ 2.5 mΩ, QMA Side

≤ 5.0 mΩ, FME Side

Test Voltage (at sea level)

1000 V rms

Working Voltage (at sea level)

480 V rms

Material And Plating

Piece Parts (QMA)	Material	Plating
Centre Contact	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Nickel plating
Insulator	PTFE	
Coupling Nut	Brass	Nickel plating
Piece Parts (FME)	Material	Plating
Centre Contact	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Nickel plating
Insulator	PTFE	

QMA Plug (Male) to FME Plug (Male) Adapter
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Mechanical Data

	QMA Side	FME Side
Coupling mechanisms	Quick-lock	Screw-lock
Mating Cycles	≥ 100	≥ 300
Coupling Nut Retention	N/A	N/A
Center Contact Captivation: axial	≥ 20 N	≥ 28 N
Weight	N/A	
Coupling Test Torque	N/A	2.0 Nm max.
Recommended Torque	N/A	N/A

Environmental Data

Temperature Range	-65°C to +165°C
RoHS	compliant

Packing

Single or 100