



CA-DFDR

7-16 DIN Female to 7-16 DIN Male Right Angle Adapter

General Specifications

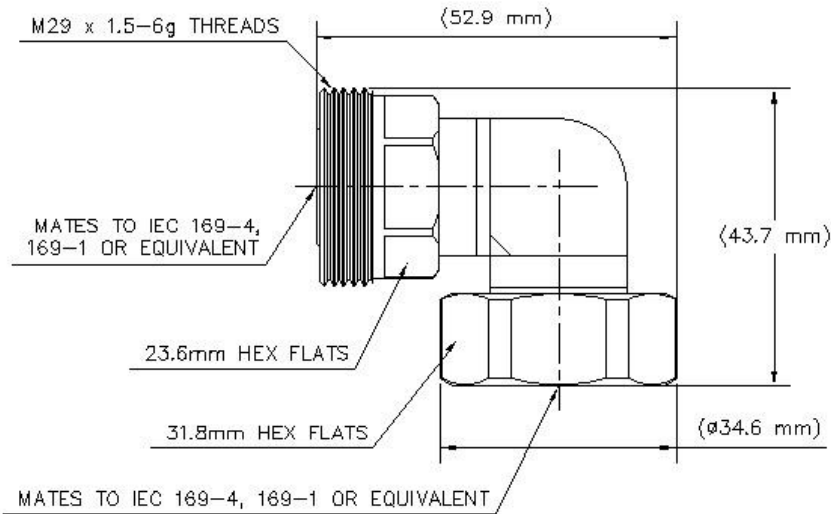
Product Type	Adapter
Interface	7-16 DIN Female
Interface 2	7-16 DIN Male
Body Style	Right angle

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 6000 MHz
RF Operating Voltage, maximum (vrms)	1200.00 V
dc Test Voltage	4000 V
Outer Contact Resistance, maximum	1.50 mOhm
Inner Contact Resistance, maximum	0.40 mOhm
Insulation Resistance, minimum	10000 MOhm
Average Power	1300.0 W @ 900 MHz
Peak Power, maximum	28.80 kW

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Outline Drawing



Mechanical Specifications

Coupling Nut Proof Torque	50.00 N-m 36.88 ft lb
Coupling Nut Proof Torque Method	IEC 61169-4:17
Coupling Nut Retention Force	800.00 N 179.85 lbf
Coupling Nut Retention Force Method	IEC 61169-4:15.2.6
Inner Contact Plating	Silver
Insertion Force	200.00 N 44.96 lbf
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-4:17
Outer Contact Plating	Trimetal
Pressurizable	No

Dimensions

Diameter	31.75 mm 1.25 in
Length	53.00 mm 2.09 in
Weight	171.00 g 0.38 lb
Width	31.75 mm 1.25 in

Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Mechanical Shock Test Method	IEC 60068-2-27
Climatic Sequence Test Method	IEC 60068-1
Damp Heat Steady State Test Method	IEC 60068-2-3
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6

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Corrosion Test Method

IEC 60068-2-11

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
0-3000 MHz	1.08	28.00
3000-6000 MHz	1.20	21.00

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

China RoHS SJ/T 11364-2006

ISO 9001:2008

Classification

Compliant by Exemption

Above Maximum Concentration Value (MCV)

Designed, manufactured and/or distributed under this quality management system

