

# CA-DFDF-PS



7-16 DIN Female to 7-16 DIN Female PIM Value Pre-setting Adapter

**OBSOLETE**

Replaced By:

TA-DFDF

7-16 DIN Female to 7-16 DIN Female Low-PIM Adapter

## Product Classification

**Product Type** Adapter

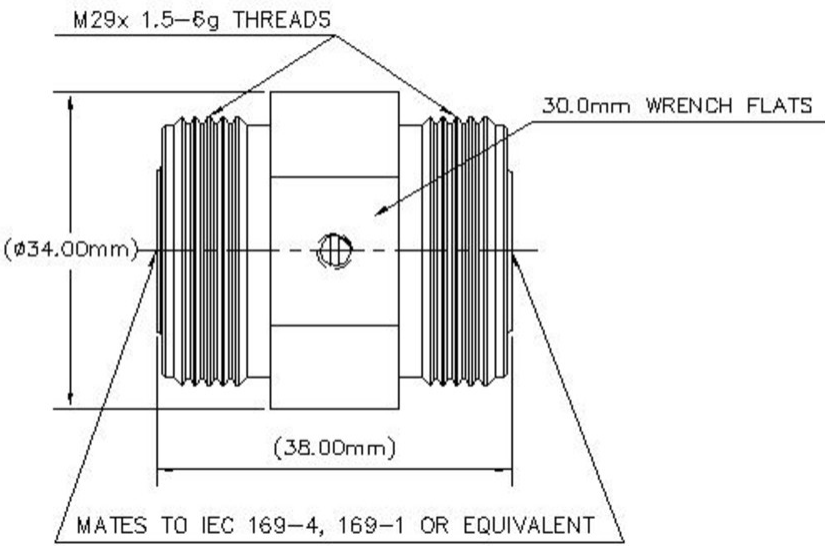
## General Specifications

<b>Body Style</b>	Straight
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	7-16 DIN Female
<b>Interface 2</b>	7-16 DIN Female
<b>Mounting Angle</b>	Straight
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Width</b>	34 mm   1.339 in
<b>Length</b>	38 mm   1.496 in
<b>Diameter</b>	34 mm   1.339 in

## Outline Drawing



## Electrical Specifications

3rd Order IMD at Frequency	-110 dBm @ 1800 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Connector Impedance	50 ohm
dc Test Voltage	4000 V
Inner Contact Resistance, maximum	0.4 mOhm
Operating Frequency Band	0 – 7500 MHz
Outer Contact Resistance, maximum	1.5 mOhm
RF Operating Voltage, maximum (vrms)	1200 V

## Mechanical Specifications

Insertion Force	200 N   44.962 lbf
Insertion Force Method	IEC 61169-4:15.2.4
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-4:9.5
Mechanical Shock Test Method	IEC 60068-2-27

## Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
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Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Attenuation, Ambient Temperature	20 °C   68 °F
Average Power, Ambient Temperature	40 °C   104 °F
Average Power, Inner Conductor Temperature	100 °C   212 °F

## Packaging and Weights

Weight, net	141.32 g   0.312 lb
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## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system