

# AT-10-D-MFi6

## 10 dB Low PIM Attenuator 555–2700 DM-DF



### Product Classification

**Product Type** Attenuator

### General Specifications

**Device Type** Attenuator  
**Interface** 7-16 DIN Male  
**Color** Silver  
**Interface 2** 7-16 DIN Female

### Electrical Specifications

**Operating Frequency Band** 555 – 2700 MHz  
**3rd Order IMD** -160.0 dBc  
**3rd Order IMD Test Method** Two +43 dBm carriers  
**Attenuation** 10.0 dB  
**Attenuation Tolerance**  $\pm 1.0$  dB @ 698–2700 MHz |  $\pm 2.0$  dB @ 555–698 MHz  
**Average Power, maximum** 100 W  
**Impedance** 50 ohm  
**Return Loss, minimum** 19.0 dB  
**VSWR** 1.25:1

### Mechanical Specifications

**Inner Contact Plating** Silver  
**Outer Contact Plating** Trimetal

### Environmental Specifications

**Application** Indoor/Outdoor  
**Ingress Protection Test Method** IEC 60529:2001, IP65  
**Operating Temperature** -25 °C to +50 °C (-13 °F to +122 °F)  
**Relative Humidity** Up to 100%

### Dimensions

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<b>Height</b>	93.00 mm   3.66 in
<b>Length</b>	272.00 mm   10.71 in
<b>Width</b>	130.00 mm   5.12 in
<b>Net Weight</b>	3.49 kg   7.69 lb

## Packed Dimensions

<b>Height</b>	105.0 mm   4.1 in
<b>Length</b>	285.0 mm   11.2 in
<b>Width</b>	135.0 mm   5.3 in
<b>Shipping Weight</b>	3.65 kg   8.05 lb

## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU

### Classification

