

# AT-6-N-MFI6

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## 6 dB Low PIM Attenuator 555–2700 NM-NF



### Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Attenuator

### General Specifications

<b>Device Type</b>	Attenuator
<b>Application</b>	Indoor/Outdoor
<b>Color</b>	Silver
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	N Male
<b>Interface 2</b>	N Female
<b>Outer Contact Plating</b>	Trimetal

### Dimensions

<b>Height</b>	89 mm   3.504 in
<b>Width</b>	130 mm   5.118 in
<b>Length</b>	247 mm   9.724 in

### Electrical Specifications

<b>3rd Order IMD</b>	-160 dBc
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<b>Return Loss, minimum</b>	19 dB
<b>Attenuation</b>	6 dB
<b>Attenuation Tolerance</b>	±1.0 dB @ 698–2700 MHz   ±1.6 dB @ 555–698 MHz
<b>Average Power, maximum</b>	100 W
<b>Impedance</b>	50 ohm

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<b>Operating Frequency Band</b>	555 – 2700 MHz
<b>VSWR</b>	1.25

## Environmental Specifications

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

## Packaging and Weights

<b>Height, packed</b>	105 mm   4.134 in
<b>Width, packed</b>	135 mm   5.315 in
<b>Length, packed</b>	270 mm   10.63 in
<b>Weight, gross</b>	3.32 kg   7.319 lb
<b>Weight, net</b>	3.16 kg   6.967 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

