

# AT-20-N-MFI6

20 dB Low PIM Attenuator 555–2700 NM-NF



## OBSOLETE

This product was discontinued on: **March 31, 2019**

### Replaced By:

AT-20-D-MFI6

20 dB Low PIM Attenuator 555–2700 DM-DF

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

### Product Type

Attenuator

## General Specifications

### Device Type

Attenuator

### Application

Indoor/Outdoor

### Color

Silver

### Inner Contact Plating

Silver

### Interface

N Male

### Interface 2

N Female

### Outer Contact Plating

Trimetal

## Dimensions

### Height

89 mm | 3.504 in

### Width

130 mm | 5.118 in

### Length

247 mm | 9.724 in

## Electrical Specifications

### 3rd Order IMD

-160 dBc

# AT-20-N-MFI6

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<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<b>Return Loss, minimum</b>	19 dB
<b>Attenuation</b>	20 dB
<b>Attenuation Tolerance</b>	±1.0 dB @ 698–2700 MHz   ±2.0 dB @ 555–698 MHz
<b>Average Power, maximum</b>	100 W
<b>Impedance</b>	50 ohm
<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="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

