

# T-50-DFI6

Low PIM Termination 50 W Load, 555-2700 MHz



**Replaced By:**

T-50-UW-43-M-I6      Low PIM Termination 50 W Load, 0-6000 MHz

## Product Classification

**Regional Availability**      Asia | Australia/New Zealand | EMEA | Latin America | North America  
**Product Type**      Termination Load

## General Specifications

**Device Type**      Termination Load  
**Application**      Indoor/Outdoor  
**Color**      Silver  
**Inner Contact Plating**      Silver  
**Interface**      7-16 DIN Female  
**Outer Contact Plating**      Trimetal

## Dimensions

**Height**      74 mm | 2.913 in  
**Width**      60 mm | 2.362 in  
**Length**      180 mm | 7.087 in

## Electrical Specifications

**3rd Order IMD**      -160 dBc  
**3rd Order IMD Test Method**      Two +43 dBm carriers  
**Return Loss, minimum**      19 dB  
**Average Power, maximum**      50 W

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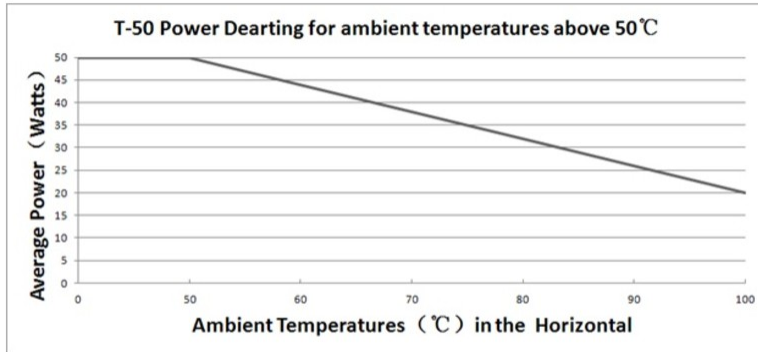
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<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	555 – 2700 MHz
<b>VSWR</b>	1.25

# T-50-DFI6

## Derating Curve

T-50-xxi6



## 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>	75 mm   2.953 in
<b>Width, packed</b>	90 mm   3.543 in
<b>Length, packed</b>	210 mm   8.268 in
<b>Weight, gross</b>	1.5 kg   3.307 lb
<b>Weight, net</b>	1.29 kg   2.844 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

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