

# F187HLA3

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FlexTwist® Flexible Twist for WR187, 4.4–5.0 GHz, with interface types PDR48 and UDR48, 900 mm

## Product Classification

<b>Product Type</b>	Rectangular waveguide, flexible twist
<b>Product Brand</b>	FlexTwist®

## General Specifications

<b>Component</b>	Flexible Twist
<b>Interface</b>	PDR48
<b>Interface 2</b>	UDR48

## Dimensions

<b>Length</b>	900 mm   35.433 in
<b>Waveguide Size</b>	WR187   WG12   R48

## Electrical Specifications

<b>Attenuation</b>	0.17 dB/m   0.052 dB/ft
<b>Average Power</b>	3000 W
<b>Operating Frequency Band</b>	4.4 – 5.0 GHz
<b>Peak Power</b>	1250 kW
<b>VSWR</b>	1.03

## Mechanical Specifications

<b>Minimum Bend Radius, Multiple Bends (E Plane)</b>	165 mm   6.496 in
<b>Minimum Bend Radius, Multiple Bends (H Plane)</b>	330 mm   12.992 in
<b>Maximum Twist</b>	165 °/m   50.292 °/ft
<b>Pressurization, maximum</b>	0.207 N/mm <sup>2</sup>   30 psi

## Regulatory Compliance/Certifications

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**Agency**

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system