

# F187CCS1

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FlexTwist® Flexible Twist for WR187, 3.95–5.85 GHz, with interface types CPR187G and CPR187G, 300 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>	CPR187G
<b>Interface 2</b>	CPR187G

## Dimensions

<b>Length</b>	300 mm   11.811 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>	3.95 – 5.85 GHz
<b>Peak Power</b>	1250 kW
<b>VSWR</b>	1.1

## 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

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## Regulatory Compliance/Certifications

### Agency

### Classification

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 [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

