

# F229HHA3

---



FlexTwist® Flexible Twist for WR229, 3.54–4.2 GHz, with interface types PDR40 and PDR40, 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>	PDR40
<b>Interface 2</b>	PDR40

## Dimensions

<b>Length</b>	900 mm   35.433 in
<b>Waveguide Size</b>	WR229   WG11   R40

## Electrical Specifications

<b>Attenuation</b>	0.13 dB/m   0.04 dB/ft
<b>Average Power</b>	4000 W
<b>Operating Frequency Band</b>	3.54 – 4.2 GHz
<b>Peak Power</b>	1550 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>	132 °/m   40.234 °/ft
<b>Pressurization, maximum</b>	0.207 N/mm <sup>2</sup>   30 psi

# F229HHA3

---

## 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

