

# F137HHB1

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FlexTwist® Flexible Twist for WR137, 6.425–7.125 GHz, with interface types PDR70 and PDR70, 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>   | PDR70          |
| <b>Interface 2</b> | PDR70          |

## Dimensions

|                       |                    |
|-----------------------|--------------------|
| <b>Length</b>         | 300 mm   11.811 in |
| <b>Waveguide Size</b> | WR137   WG14   R70 |

## Electrical Specifications

|                                 |                        |
|---------------------------------|------------------------|
| <b>Attenuation</b>              | 0.3 dB/m   0.091 dB/ft |
| <b>Average Power</b>            | 2000 W                 |
| <b>Operating Frequency Band</b> | 6.425 – 7.125 GHz      |
| <b>Peak Power</b>               | 500 kW                 |
| <b>VSWR</b>                     | 1.03                   |

## Mechanical Specifications

|  |                                  |
|--|----------------------------------|
| <b>Minimum Bend Radius, Multiple Bends (E Plane)</b> | 102 mm   4.016 in                |
| <b>Minimum Bend Radius, Multiple Bends (H Plane)</b> | 204 mm   8.031 in                |
| <b>Maximum Twist</b>                                 | 214 °/m   65.227 °/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

