

# F112CKC3



FlexTwist® Flexible Twist for WR112, 7.125–8.5 GHz, with interface types CPR112G and PBR84, 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>   | CPR112G        |
| <b>Interface 2</b> | PBR84          |

## Dimensions

|                       |                    |
|-----------------------|--------------------|
| <b>Length</b>         | 900 mm   35.433 in |
| <b>Waveguide Size</b> | WR112   WG15   R84 |

## Electrical Specifications

|                                 |                        |
|---------------------------------|------------------------|
| <b>Attenuation</b>              | 0.4 dB/m   0.122 dB/ft |
| <b>Average Power</b>            | 1260 W                 |
| <b>Operating Frequency Band</b> | 7.125 – 8.5 GHz        |
| <b>Peak Power</b>               | 315 kW                 |
| <b>VSWR</b>                     | 1.05                   |

## Mechanical Specifications

|  |                                  |
|--|----------------------------------|
| <b>Minimum Bend Radius, Multiple Bends (E Plane)</b> | 76 mm   2.992 in                 |
| <b>Minimum Bend Radius, Multiple Bends (H Plane)</b> | 152 mm   5.984 in                |
| <b>Maximum Twist</b>                                 | 264 °/m   80.467 °/ft            |
| <b>Pressurization, maximum</b>                       | 0.241 N/mm <sup>2</sup>   35 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.andrew.com/ProductCompliance](http://www.andrew.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

