



**F112KKC4**  
**FlexTwist™ Flexible Twist for WR112, 7.125–8.5 GHz, with interface types PBR84 and PBR84, 1000 mm**

## Electrical Specifications

|                          |                        |
|--------------------------|------------------------|
| Operating Frequency Band | 7.125 – 8.5 GHz        |
| Attenuation              | 0.40 db/m   0.12 db/ft |
| Average Power            | 1260 W                 |
| Peak Power               | 315.0 kW               |
| VSWR                     | 1.05                   |

## General Specifications

|                |                    |
|----------------|--------------------|
| Component      | Flexible Twist     |
| Waveguide Size | WR112   WG15   R84 |
| Interface      | PBR84              |
| Interface 2    | PBR84              |
| Length         | 1000 mm   39 in    |

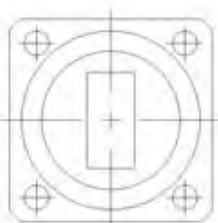
## Mechanical Specifications

|                                               |                         |
|-----------------------------------------------|-------------------------|
| Maximum Twist                                 | 264.00 °/m   80.00 °/ft |
| Minimum Bend Radius, Multiple Bends (E Plane) | 76.00 mm   3.00 in      |
| Minimum Bend Radius, Multiple Bends (H Plane) | 152.00 mm   6.00 in     |
| Pressurization, maximum                       | 35 psi   240 kPa        |

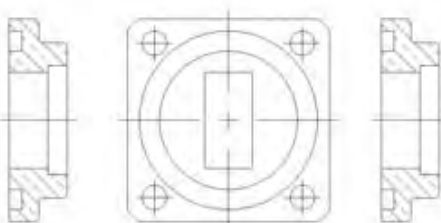
Component



Interface



Interface 2



## Regulatory Compliance/Certifications

|                                                                                 |                                                                                                                                                                              |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency</b><br>RoHS 2011/65/EU<br>China RoHS SJ/T 11364-2006<br>ISO 9001:2008 | <b>Classification</b><br>Compliant by Exemption<br>Above Maximum Concentration Value (MCV)<br>Designed, manufactured and/or distributed under this quality management system |
|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Product Specifications

COMMScope®

F112KKC4



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