

# F112HHS2



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types PDR84 and PDR84, 600 mm

## Product Classification

|               |                                       |
|---------------|---------------------------------------|
| Product Type  | Rectangular waveguide, flexible twist |
| Product Brand | FlexTwist®                            |

## General Specifications

|             |                |
|-------------|----------------|
| Component   | Flexible Twist |
| Interface   | PDR84          |
| Interface 2 | PDR84          |

## Dimensions

|                |                    |
|----------------|--------------------|
| Length         | 600 mm   23.622 in |
| Waveguide Size | WR112   WG15   R84 |

## Electrical Specifications

|                          |                        |
|--------------------------|------------------------|
| Attenuation              | 0.4 dB/m   0.122 dB/ft |
| Average Power            | 1260 W                 |
| Operating Frequency Band | 7.05 – 10.0 GHz        |
| Peak Power               | 315 kW                 |
| VSWR                     | 1.1                    |

## Mechanical Specifications

|   |                       |
|---|-----------------------|
| Minimum Bend Radius, Multiple Bends (E Plane) | 76 mm   2.992 in      |
| Minimum Bend Radius, Multiple Bends (H Plane) | 152 mm   5.984 in     |
| Maximum Twist                                 | 264 °/m   80.467 °/ft |
| Pressurization, maximum                       | 0.241 N/mm²   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 <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |

