

# Product Specifications



## F042HKS1

Flexible Twist for WR42, 17.7–26.5 GHz, with interface types PDR220 and PBR220, 300 mm



## CHARACTERISTICS

### Electrical Specifications

|                          |                        |
|--------------------------|------------------------|
| Operating Frequency Band | 17.7 – 26.5 GHz        |
| Attenuation              | 0.80 db/ft   2.62 db/m |
| Average Power            | 100 W                  |
| Peak Power               | 39.0 kW                |
| VSWR                     | 1.20                   |

### General Specifications

|                |                    |
|----------------|--------------------|
| Component      | Flexible Twist     |
| Waveguide Size | WR42   WG20   R220 |
| Interface      | PDR220             |
| Interface 2    | PBR220             |
| Length         | 300 mm   12 in     |

### Mechanical Specifications

|                                               |                          |
|-----------------------------------------------|--------------------------|
| Maximum Twist                                 | 510.00 °/m   155.00 °/ft |
| Minimum Bend Radius, Multiple Bends (E Plane) | 38.00 mm   1.50 in       |
| Minimum Bend Radius, Multiple Bends (H Plane) | 76.00 mm   3.00 in       |
| Pressurization, maximum                       | 45 psi   310 kPa         |

**Component**

**Interface**

**Interface 2**

[www.commscope.com/andrew](http://www.commscope.com/andrew)

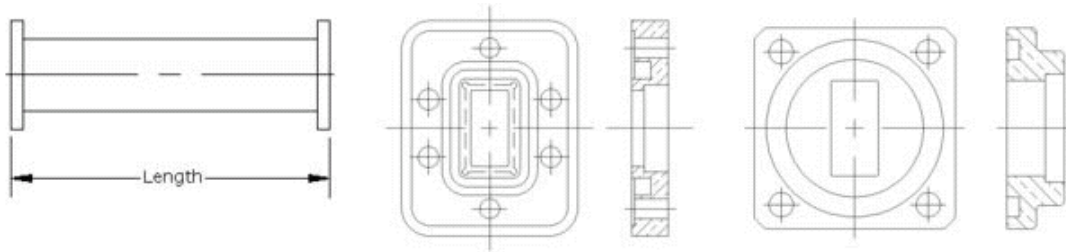
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# Product Specifications

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## Regulatory Compliance/Certifications

### Agency

ISO 9001:2008

### Classification

Designed, manufactured and/or distributed under this quality management system