

# F062KKS1

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FlexTwist® Flexible Twist for WR62, 12.4–18.0 GHz, with interface types PBR140 and PBR140, 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>   | PBR140         |
| <b>Interface 2</b> | PBR140         |

## Dimensions

|                       |                    |
|-----------------------|--------------------|
| <b>Length</b>         | 300 mm   11.811 in |
| <b>Waveguide Size</b> | WR62   WG18   R140 |

## Electrical Specifications

|                                 |                         |
|---------------------------------|-------------------------|
| <b>Attenuation</b>              | 0.99 dB/m   0.302 dB/ft |
| <b>Average Power</b>            | 400 W                   |
| <b>Operating Frequency Band</b> | 12.4 – 18.0 GHz         |
| <b>Peak Power</b>               | 100 kW                  |
| <b>VSWR</b>                     | 1.1                     |

## Mechanical Specifications

|  |                                 |
|--|---------------------------------|
| <b>Minimum Bend Radius, Multiple Bends (E Plane)</b> | 52 mm   2.047 in                |
| <b>Minimum Bend Radius, Multiple Bends (H Plane)</b> | 102 mm   4.016 in               |
| <b>Maximum Twist</b>                                 | 445 °/m   135.636 °/ft          |
| <b>Pressurization, maximum</b>                       | 0.31 N/mm <sup>2</sup>   45 psi |

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## Regulatory Compliance/Certifications

### Agency

### Classification

CHINA-ROHS

Above maximum concentration value

ISO 9001:2015

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

ROHS

Compliant/Exempted

UK-ROHS

Compliant

