

# F028KMS3

---



FlexTwist® Flexible Twist for WR28, 26.5–40.1 GHz, with interface types PBR320 and UBR320, 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>   | PBR320         |
| <b>Interface 2</b> | UBR320         |

## Dimensions

|                       |                    |
|-----------------------|--------------------|
| <b>Length</b>         | 900 mm   35.433 in |
| <b>Waveguide Size</b> | WR28   WG22   R320 |

## Electrical Specifications

|                                 |                     |
|---------------------------------|---------------------|
| <b>Attenuation</b>              | 3.28 dB/m   1 dB/ft |
| <b>Average Power</b>            | 75 W                |
| <b>Operating Frequency Band</b> | 26.5 – 40.1 GHz     |
| <b>Peak Power</b>               | 20 kW               |
| <b>VSWR</b>                     | 1.3                 |

## Mechanical Specifications

|  |                                 |
|--|---------------------------------|
| <b>Minimum Bend Radius, Multiple Bends (E Plane)</b> | 38 mm   1.496 in                |
| <b>Minimum Bend Radius, Multiple Bends (H Plane)</b> | 76 mm   2.992 in                |
| <b>Maximum Twist</b>                                 | 510 °/m   155.448 °/ft          |
| <b>Pressurization, maximum</b>                       | 0.31 N/mm <sup>2</sup>   45 psi |

# F028KMS3

---

## 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/Exempted

