

# F028BKA3

---



FlexTwist® Flexible Twist for WR28, 37.0–40.0 GHz, with interface types UG-599/U and PBR320, 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>	UG-599/U
<b>Interface 2</b>	PBR320

## 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>	37.0 – 40.0 GHz
<b>Peak Power</b>	20 kW
<b>VSWR</b>	1.2

## 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

# F028BKA3

---

## Regulatory Compliance/Certifications

**Agency**

ISO 9001:2015

**Classification**

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