

# F028MMA3



FlexTwist® Flexible Twist for WR28, 37.0–40.0 GHz, with interface types UBR320 and UBR320, 900 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	UBR320
Interface 2	UBR320

## Dimensions

Length	900 mm   35.433 in
Waveguide Size	WR28   WG22   R320

## Electrical Specifications

Attenuation	3.28 dB/m   1 dB/ft
Average Power	75 W
Operating Frequency Band	37.0 – 40.0 GHz
Peak Power	20 kW
VSWR	1.2

## Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	38 mm   1.496 in
Minimum Bend Radius, Multiple Bends (H Plane)	76 mm   2.992 in
Maximum Twist	510 °/m   155.448 °/ft
Pressurization, maximum	0.31 N/mm²   45 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
ROHS	Compliant
UK-ROHS	Compliant

