

F028KMA1



FlexTwist® Flexible Twist for WR28, 37.0–40.0 GHz, with interface types PBR320 and UBR320, 300 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	PBR320
Interface 2	UBR320

Dimensions

Length	300 mm 11.811 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	1.18

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	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

