

F028BBA1



FlexTwist® Flexible Twist for WR28, 37.0–40.0 GHz, with interface types UG-599/U and UG-599/U, 300 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	UG-599/U
Interface 2	UG-599/U

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/mm ² 45 psi

F028BBA1

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

**Classification**

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