

F028BBS1



FlexTwist® Flexible Twist for WR28, 26.5–40.1 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 | 26.5 – 40.1 GHz |
| Peak Power | 20 kW |
| VSWR | 1.3 |

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 |

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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

UK-ROHS

Compliant/Exempted

