

F062BBS1



FlexTwist® Flexible Twist for WR62, 12.4–18.0 GHz, with interface types UG-419/U and UG-419/U, 300 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	UG-419/U
Interface 2	UG-419/U

Dimensions

Length	300 mm 11.811 in
Waveguide Size	WR62 WG18 R140

Electrical Specifications

Attenuation	0.99 dB/m 0.302 dB/ft
Average Power	400 W
Operating Frequency Band	12.4 – 18.0 GHz
Peak Power	100 kW
VSWR	1.1

Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	52 mm 2.047 in
Minimum Bend Radius, Multiple Bends (H Plane)	102 mm 4.016 in
Maximum Twist	445 °/m 135.636 °/ft
Pressurization, maximum	0.31 N/mm ² 45 psi

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Regulatory Compliance/Certifications

Agency

ISO 9001:2015

**Classification**

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