

F187HLA1



FlexTwist® Flexible Twist for WR187, 4.4–5.0 GHz, with interface types PDR48 and UDR48, 300 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	PDR48
Interface 2	UDR48

Dimensions

Length	300 mm 11.811 in
Waveguide Size	WR187 WG12 R48

Electrical Specifications

Attenuation	0.17 dB/m 0.052 dB/ft
Average Power	3000 W
Operating Frequency Band	4.4 – 5.0 GHz
Peak Power	1250 kW
VSWR	1.03

Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	165 mm 6.496 in
Minimum Bend Radius, Multiple Bends (H Plane)	330 mm 12.992 in
Maximum Twist	165 °/m 50.292 °/ft
Pressurization, maximum	0.207 N/mm ² 30 psi

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Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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