

F112HLC4-A



FlexTwist® Flexible Twist for WR112, 7.125–8.5 GHz, with interface types PDR84 and UDR84, 1000 mm, Tin plated flanges

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	PDR84
Interface 2	UDR84

Dimensions

Length	1000 mm 39.37 in
Waveguide Size	WR112 WG15 R84

Electrical Specifications

Attenuation	0.4 dB/m 0.122 dB/ft
Average Power	1260 W
Operating Frequency Band	7.125 – 8.5 GHz
Peak Power	315 kW
VSWR	1.05

Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	76 mm 2.992 in
Minimum Bend Radius, Multiple Bends (H Plane)	152 mm 5.984 in
Maximum Twist	264 °/m 80.467 °/ft
Pressurization, maximum	0.241 N/mm² 35 psi

F112HLC4-A

Regulatory Compliance/Certifications

Agency

ISO 9001:2015



Classification

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