

# F112HLC5



FlexTwist® Flexible Twist for WR112, 7.125–8.5 GHz, with interface types PDR84 and UDR84, 1200 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	PDR84
Interface 2	UDR84

## Dimensions

Length	1200 mm   47.244 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

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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
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

