

# F112CMS3



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types CPR112G and UBR84, 900 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	CPR112G
Interface 2	UBR84

## Dimensions

Length	900 mm   35.433 in
Waveguide Size	WR112   WG15   R84

## Electrical Specifications

Attenuation	0.4 dB/m   0.122 dB/ft
Average Power	1260 W
Operating Frequency Band	7.05 – 10.0 GHz
Peak Power	315 kW
VSWR	1.1

## 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
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system