

F112CLS3



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types CPR112G and UDR84, 900 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	CPR112G
Interface 2	UDR84

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/mm ² 35 psi

F112CLS3

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

**Classification**

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