

F112BBC5



FlexTwist® Flexible Twist for WR112, 7.125–8.5 GHz, with interface types UG-51/U and UG-51/U, 1200 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	UG-51/U
Interface 2	UG-51/U

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

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

