F112BBC1



FlexTwist® Flexible Twist for WR112, 7.125–8.5 GHz, with interface types UG-51/U and UG-51/U, 300 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	300 mm 11.811 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

Page 1 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 24, 2024

0.241 N/mm² | 35 psi



Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS ISO 9001:2015

ROHS

UK-ROHS

Above maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant/Exempted

Compliant/Exempted



©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: April 24, 2024

