F112CES5



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types CPR112G and CMR112, 1200 mm

OBSOLETE

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	CPR112G
Interface 2	CMR112
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	7.05 – 10.0 GHz
Peak Power	315 kW
VSWR	1.13
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

Minimum Bend Radius, Multiple Bends (H Plane)152 mm | 5.984 inMaximum Twist264 °/m | 80.467 °/ftPressurization, maximum0.241 N/mm² | 35 psi

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: January 2, 2024



Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015

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



Page 2 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: January 2, 2024

