F112KKS5



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types PBR84 and PBR84, 1200 mm

Product Classification		
Product Type	Rectangular waveguide, flexible twist	
Product Brand	FlexTwist®	
General Specifications		
Component	Flexible Twist	
Interface	PBR84	
Interface 2	PBR84	
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	
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: December 11, 2023

0.241 N/mm<sup>2</sup> | 35 psi



## Regulatory Compliance/Certifications

Agency	1
--------	---

## Classification

Ageney	
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.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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: December 11, 2023

