F112HLS3



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types PDR84 and UDR84, 900 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	PDR84
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

Page 1 of 2



©2025 ANDREW, an Amphenol company. All rights reserved. Amphenol and ANDREW are registered trademarks of Amphenol and/or its affiliates in the U.S. and other countries. All product names, trademarks and registered trademarks are property of their respective owners. Revised: March 12, 2025

0.241 N/mm² | 35 psi

Regulatory Compliance/Certifications

Agency

Classification

• •	
CHINA-ROHS	Above 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/Exempted
UK-ROHS	Compliant/Exempted





©2025 ANDREW, an Amphenol company. All rights reserved. Amphenol and ANDREW are registered trademarks of Amphenol and/or its affiliates in the U.S. and other countries. All product names, trademarks and registered trademarks are property of their respective owners. Revised: March 12, 2025