F112CMS1



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types CPR112G and UBR84, 300 mm

| Product Classification | |
|---|---------------------------------------|
| Product Type | Rectangular waveguide, flexible twist |
| Product Brand | FlexTwist® |
| General Specifications | |
| Component | Flexible Twist |
| Interface | CPR112G |
| Interface 2 | UBR84 |
| 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 | 7.05 – 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 | 0.241 N/mm² 35 psi |

ANDREW an Amphenol company

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

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015

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

Page 2 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