F187CCA2



FlexTwist® Flexible Twist for WR187, 4.4–5.0 GHz, with interface types CPR187G and CPR187G, 600 mm

| Product Classification | |
|---|---------------------------------------|
| Product Type | Rectangular waveguide, flexible twist |
| Product Brand | FlexTwist® |
| General Specifications | |
| Component | Flexible Twist |
| Interface | CPR187G |
| Interface 2 | CPR187G |
| Dimensions | |
| Length | 600 mm 23.622 in |
| Waveguide Size | WR187 WG12 R48 |
| Electrical Specifications | |
| Attenuation | 0.17 dB/m 0.052 dB/ft |
| Average Power | 3000 W |
| Operating Frequency Band | 4.4 – 5.0 GHz |
| Peak Power | 1250 kW |
| VSWR | 1.03 |
| Mechanical Specifications | |
| Minimum Bend Radius, Multiple Bends (E Plane) | 165 mm 6.496 in |
| Minimum Bend Radius, Multiple Bends (H Plane) | 330 mm 12.992 in |
| Maximum Twist | 165 °/m 50.292 °/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

0.207 N/mm² | 30 psi

Regulatory Compliance/Certifications

Agency

Classification

| 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.andrew.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |
| | |







©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