F112CCS1



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

| Product Classification                        |                                       |
|---|---------------------------------------|
| Product Type                                  | Rectangular waveguide, flexible twist |
| Product Brand                                 | FlexTwist®                            |
| General Specifications                        |                                       |
| Component                                     | Flexible Twist                        |
| Interface                                     | CPR112G                               |
| Interface 2                                   | CPR112G                               |
| 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                  |

Page 1 of 2

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## Regulatory Compliance/Certifications

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## Classification

| Agency        | olassineation  |
|---------------|--|
| 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  |
|               |  |



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