## F090HHS3



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types PDR100 and PDR100, 900 mm

| Product Classification                        |                                       |
|---|---------------------------------------|
| Product Type                                  | Rectangular waveguide, flexible twist |
| Product Brand                                 | FlexTwist®                            |
| General Specifications                        |                                       |
| Component                                     | Flexible Twist                        |
| Interface                                     | PDR100                                |
| Interface 2                                   | PDR100                                |
| Dimensions                                    |                                       |
| Length  | 900 mm   35.433 in                    |
| Waveguide Size                                | WR90   WG16   R100                    |
| Electrical Specifications                     |                                       |
| Attenuation                                   | 0.43 dB/m   0.131 dB/ft               |
| Average Power                                 | 960 W                                 |
| Operating Frequency Band                      | 8.2 – 12.4 GHz                        |
| Peak Power                                    | 180 kW                                |
| VSWR  | 1.1                                   |
| Mechanical Specifications                     |                                       |
| Minimum Bend Radius, Multiple Bends (E Plane) | 64 mm   2.52 in                       |
| Minimum Bend Radius, Multiple Bends (H Plane) | 127 mm   5 in                         |
| Maximum Twist                                 | 310 °/m   94.488 °/ft                 |

Pressurization, maximum

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0.31 N/mm<sup>2</sup> | 45 psi



## Regulatory Compliance/Certifications

| Agency     |  |
|------------|--|
| CHINA-ROHS |  |

## Classification

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|---------------|--|
| 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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