## F090HHS1



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types PDR100 and PDR100, 300 mm

## **Product Classification**

Product Type Rectangular waveguide, flexible twist

Product Brand FlexTwist®

General Specifications

**Component** Flexible Twist

 Interface
 PDR100

 Interface 2
 PDR100

**Dimensions** 

 Length
 300 mm | 11.811 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 inMinimum Bend Radius, Multiple Bends (H Plane)127 mm | 5 in

 Maximum Twist
 310 °/m | 94.488 °/ft

 Pressurization, maximum
 0.31 N/mm² | 45 psi



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## Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

