

# F075HKS1

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FlexTwist® Flexible Twist for WR75, 10.0–15.0 GHz, with interface types PDR120 and PBR120, 300 mm

## Product Classification

<b>Product Type</b>	Rectangular waveguide, flexible twist
<b>Product Brand</b>	FlexTwist®

## General Specifications

<b>Component</b>	Flexible Twist
<b>Interface</b>	PDR120
<b>Interface 2</b>	PBR120

## Dimensions

<b>Length</b>	300 mm   11.811 in
<b>Waveguide Size</b>	WR75   WG17   R120

## Electrical Specifications

<b>Attenuation</b>	0.59 dB/m   0.18 dB/ft
<b>Average Power</b>	750 W
<b>Operating Frequency Band</b>	10.0 – 15.0 GHz
<b>Peak Power</b>	140 kW
<b>VSWR</b>	1.1

## Mechanical Specifications

<b>Minimum Bend Radius, Multiple Bends (E Plane)</b>	64 mm   2.52 in
<b>Minimum Bend Radius, Multiple Bends (H Plane)</b>	115 mm   4.528 in
<b>Maximum Twist</b>	360 °/m   109.728 °/ft
<b>Pressurization, maximum</b>	0.31 N/mm <sup>2</sup>   45 psi

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## Regulatory Compliance/Certifications

**Agency**

ISO 9001:2015

**Classification**

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