## F090HHB5



FlexTwist® Flexible Twist for WR90, 10.7–11.7 GHz, with interface types PDR100 and PDR100, 1200 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	PDR100
Interface 2	PDR100
Dimensions	
Length	1200 mm   47.244 in
Waveguide Size	WR90   WG16   R100
Electrical Specifications	
Attenuation	0.43 dB/m   0.131 dB/ft
Average Power	960 W
Operating Frequency Band	10.7 – 11.7 GHz
Peak Power	180 kW
VSWR	1.05
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



## F090HHB5

## Regulatory Compliance/Certifications

Agency

## Classification

CHINA-ROHS ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS



Below maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant as per SVHC revision on www.commscope.com/ProductCompliance Compliant

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