# F090HHS5



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types PDR100 and PDR100, 1200 mm

Product Type	Rectangular waveguide,
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/
Average Power	960 W
Operating Frequency Band	8.2 – 12.4 GHz
Peak Power	180 kW
VSWR	1.13
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

e, flexible twist

3/ft

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	0.31 N/mm²   45 psi

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## Regulatory Compliance/Certifications

### Agency

## Classification

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

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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