## F090HLS5



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types PDR100 and UDR100, 1200 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	PDR100
Interface 2	UDR100
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	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
Maximum Twist	310 °/m   94.488 °/ft

Pressurization, maximum

Page 1 of 2



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

Page 2 of 2



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