F090CLS3



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types CPR90G and UDR100, 900 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	CPR90G
Interface 2	UDR100
Dimensions	
Length	900 mm 35.433 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 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/mm² | 45 psi



Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015

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

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