

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	0.31 N/mm² 45 psi

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system