

# F090MMS1



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types UBR100 and UBR100, 300 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	UBR100
Interface 2	UBR100

## Dimensions

Length	300 mm   11.811 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

# F090MMS1

---

## Regulatory Compliance/Certifications

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