

# F090BCS1



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types UG-39/U and CPR90G, 300 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	UG-39/U
Interface 2	CPR90G

## 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

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

