## 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

Page 1 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: September 1, 2023

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



## Regulatory Compliance/Certifications

## Agency Classification

ISO 9001:2015

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

Page 2 of 2

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: September 1, 2023

