## F042MMS2



FlexTwist® Flexible Twist for WR42, 17.7–26.5 GHz, with interface types UBR220 and UBR220, 600 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	UBR220
Interface 2	UBR220
Dimensions	
Length	600 mm   23.622 in
Waveguide Size	WR42   WG20   R220
Electrical Specifications	
Attenuation	2.62 dB/m   0.799 dB/ft
Average Power	100 W
Operating Frequency Band	17.7 – 26.5 GHz
Peak Power	39 kW
VSWR	1.25
Mechanical Specifications	
Minimum Bend Radius, Multiple Bends (E Plane)	38 mm   1.496 in
Minimum Bend Radius, Multiple Bends (H Plane)	76 mm   2.992 in
Maximum Twist	510 °/m   155.448 °/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: October 27, 2023

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



## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted
50	

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: October 27, 2023

