F042BBS2



FlexTwist® Flexible Twist for WR42, 17.7–26.5 GHz, with interface types UG-595/U and UG-595/U, 600 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	UG-595/U
Interface 2	UG-595/U
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

©2021 CommScope, Inc. All rights reserved. All trademarks identified by ® or ™ are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: December 8, 2020

0.31 N/mm² | 45 psi



F042BBS2

Regulatory Compliance/Certifications

Classification

Agency

ISO 9001:2015

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



Page 2 of 2

©2021 CommScope, Inc. All rights reserved. All trademarks identified by ® or [™] are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: December 8, 2020

