F137CHS2



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types CPR137G and PDR70, 600 mm

Product Classification		
Product Type	Rectangular waveguide, flexible twist	
Product Brand	FlexTwist®	
General Specifications		
Component	Flexible Twist	
Interface	CPR137G	
Interface 2	PDR70	
Dimensions		
Length	600 mm 23.622 in	
Waveguide Size	WR137 WG14 R70	
Electrical Specifications		
Attenuation	0.3 dB/m 0.091 dB/ft	
Average Power	2000 W	
Operating Frequency Band	5.85 – 8.2 GHz	
Peak Power	500 kW	
VSWR	1.1	
Mechanical Specifications		
Minimum Bend Radius, Multiple Bends (E Plane)	102 mm 4.016 in	
Minimum Bend Radius, Multiple Bends (H Plane)	204 mm 8.031 in	
Maximum Twist	214 °/m 65.227 °/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

0.207 N/mm² | 30 psi



F137CHS2

Regulatory Compliance/Certifications

Agency	
--------	--

Classification

Agency	olassineation
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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

