## F137HLS1



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types PDR70 and UDR70, 300 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	PDR70
Interface 2	UDR70
Dimensions	
Length	300 mm   11.811 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

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0.207 N/mm<sup>2</sup> | 30 psi



## Regulatory Compliance/Certifications

## Agency

## Classification

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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

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