F137HLS3



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types PDR70 and UDR70, 900 mm

Product Classification		
Product Type	Rectangular waveguide, flexible twist	
Product Brand	FlexTwist®	
General Specifications		
Component	Flexible Twist	
Interface	PDR70	
Interface 2	UDR70	
Dimensions		
Length	900 mm 35.433 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

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0.207 N/mm² | 30 psi



F137HLS3

Regulatory Compliance/Certifications

Agency	
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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

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