

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	0.207 N/mm ² 30 psi

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Regulatory Compliance/Certifications

Agency

Classification

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

