

F137CCS4



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types CPR137G and CPR137G, 1000 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	CPR137G
Interface 2	CPR137G

Dimensions

Length	1000 mm 39.37 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

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

Classification

Below maximum concentration value

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

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant

