

# F137CCS1



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types CPR137G and CPR137G, 300 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	CPR137G
Interface 2	CPR137G

## 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/mm²   30 psi

## 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 <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

