

F137CCC1



FlexTwist® Flexible Twist for WR137, 7.125–7.75 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	7.125 – 7.75 GHz
Peak Power	500 kW
VSWR	1.03

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

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

**Classification**

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