

F137CHB5



FlexTwist® Flexible Twist for WR137, 6.425–7.125 GHz, with interface types CPR137G and PDR70, 1200 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	CPR137G
Interface 2	PDR70

Dimensions

Length	1200 mm 47.244 in
Waveguide Size	WR137 WG14 R70

Electrical Specifications

Attenuation	0.3 dB/m 0.091 dB/ft
Average Power	2000 W
Operating Frequency Band	6.425 – 7.125 GHz
Peak Power	500 kW
VSWR	1.05

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

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Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system