

# F187CCS1



FlexTwist® Flexible Twist for WR187, 3.95–5.85 GHz, with interface types CPR187G and CPR187G, 300 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	CPR187G
Interface 2	CPR187G

## Dimensions

Length	300 mm   11.811 in
Waveguide Size	WR187   WG12   R48

## Electrical Specifications

Attenuation	0.17 dB/m   0.052 dB/ft
Average Power	3000 W
Operating Frequency Band	3.95 – 5.85 GHz
Peak Power	1250 kW
VSWR	1.1

## Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	165 mm   6.496 in
Minimum Bend Radius, Multiple Bends (H Plane)	330 mm   12.992 in
Maximum Twist	165 °/m   50.292 °/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

