F187CCA1



FlexTwist® Flexible Twist for WR187, 4.4–5.0 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	4.4 – 5.0 GHz
Peak Power	1250 kW
VSWR	1.03
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

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0.207 N/mm<sup>2</sup> | 30 psi



## Regulatory Compliance/Certifications

## Agency

## Classification

5 7	
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



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