F090CHB3



FlexTwist® Flexible Twist for WR90, 10.7–11.7 GHz, with interface types CPR90G and PDR100, 900 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	CPR90G
Interface 2	PDR100
Dimensions	
Length	900 mm 35.433 in
Waveguide Size	WR90 WG16 R100
Electrical Specifications	
Attenuation	0.43 dB/m 0.131 dB/ft
Average Power	960 W
Operating Frequency Band	10.7 – 11.7 GHz
Peak Power	180 kW
VSWR	1.05
Mechanical Specifications	
Minimum Bend Radius, Multiple Bends (E Plane)	64 mm 2.52 in
Minimum Bend Radius, Multiple Bends (H Plane)	127 mm 5 in
Maximum Twist	310 °/m 94.488 °/ft

Pressurization, maximum

Page 1 of 2

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0.31 N/mm² | 45 psi



Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS



Below maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant as per SVHC revision on www.commscope.com/ProductCompliance Compliant

Page 2 of 2

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