

F090CKB3



FlexTwist® Flexible Twist for WR90, 10.7–11.7 GHz, with interface types CPR90G and PBR100, 900 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	CPR90G
Interface 2	PBR100

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	1.03

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	0.31 N/mm ² 45 psi

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Regulatory Compliance/Certifications

Agency**Classification**

CHINA-ROHS

Above 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/Exempted

