F090CCS1



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types CPR90G and CPR90G, 300 mm

Rectangular waveguide, flexible twist

FlexTwist®

Flexible Twist

300 mm | 11.811 in

WR90 | WG16 | R100

CPR90G

CPR90G

Product	lassification	

Product Type Product Brand

General Specifications

Component Interface Interface 2

Dimensions

Length Waveguide Size

Electrical Specifications

Attenuation	0.43 dB/m 0.131 dB/ft
Average Power	960 W
Operating Frequency Band	8.2 – 12.4 GHz
Peak Power	180 kW
VSWR	1.1

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/mm² 45 psi

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Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

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

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