F090KMB2



FlexTwist® Flexible Twist for WR90, 10.7–11.7 GHz, with interface types PBR100 and UBR100, 600 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	PBR100
Interface 2	UBR100
Dimensions	
Length	600 mm 23.622 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

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0.31 N/mm² | 45 psi



Regulatory Compliance/Certifications

Classification

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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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