F090BBS1



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types UG-39/U and UG-39/U, 300 mm

310 °/m | 94.488 °/ft

0.31 N/mm² | 45 psi

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	UG-39/U
Interface 2	UG-39/U
Dimensions	
Length	300 mm 11.811 in
Waveguide Size	WR90 WG16 R100
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

Pressurization	, maximum	

Maximum Twist

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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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