

F090BBS5



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types UG-39/U and UG-39/U, 1200 mm

Product Classification

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	1200 mm 47.244 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	1.13

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

Regulatory Compliance/Certifications

F090BBS5

Agency

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS

Classification

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

Compliant

