

F042BBS5



FlexTwist® Flexible Twist for WR42, 17.7–26.5 GHz, with interface types UG-595/U and UG-595/U, 1200 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	UG-595/U
Interface 2	UG-595/U

Dimensions

Length	1200 mm 47.244 in
Waveguide Size	WR42 WG20 R220

Electrical Specifications

Attenuation	2.62 dB/m 0.799 dB/ft
Average Power	100 W
Operating Frequency Band	17.7 – 26.5 GHz
Peak Power	39 kW
VSWR	1.35

Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	38 mm 1.496 in
Minimum Bend Radius, Multiple Bends (H Plane)	76 mm 2.992 in
Maximum Twist	510 °/m 155.448 °/ft
Pressurization, maximum	0.31 N/mm² 45 psi

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system