

F042KKS1



FlexTwist® Flexible Twist for WR42, 17.7–26.5 GHz, with interface types PBR220 and PBR220, 300 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	PBR220
Interface 2	PBR220

Dimensions

Length	300 mm 11.811 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	1.2

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/mm ² 45 psi

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Regulatory Compliance/Certifications

Agency

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system