F042KMS1



FlexTwist® Flexible Twist for WR42, 17.7–26.5 GHz, with interface types PBR220 and UBR220, 300 mm

Product Classification	
Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®
General Specifications	
Component	Flexible Twist
Interface	PBR220
Interface 2	UBR220
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

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0.31 N/mm² | 45 psi



Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS
ISO 9001:2015

130 9001.2

ROHS

UK-ROHS



Above maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant/Exempted Compliant/Exempted

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