

# F042MMS1



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

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	UBR220
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	0.31 N/mm²   45 psi

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## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

