

# F042BBS3



FlexTwist® Flexible Twist for WR42, 17.7–26.5 GHz, with interface types UG-595/U and UG-595/U, 900 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	900 mm   35.433 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	1.25

## 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
CHINA-ROHS	Below 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
UK-ROHS	Compliant

