

# F062HLS1



FlexTwist® Flexible Twist for WR62, 12.4–18.0 GHz, with interface types PDR140 and UDR140, 300 mm

## Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

## General Specifications

Component	Flexible Twist
Interface	PDR140
Interface 2	UDR140

## Dimensions

Length	300 mm   11.811 in
Waveguide Size	WR62   WG18   R140

## Electrical Specifications

Attenuation	0.99 dB/m   0.302 dB/ft
Average Power	400 W
Operating Frequency Band	12.4 – 18.0 GHz
Peak Power	100 kW
VSWR	1.1

## Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	52 mm   2.047 in
Minimum Bend Radius, Multiple Bends (H Plane)	102 mm   4.016 in
Maximum Twist	445 °/m   135.636 °/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