

F229HHS3



FlexTwist® Flexible Twist for WR229, 3.3–4.9 GHz, with interface types PDR40 and PDR40, 900 mm

Product Classification

Product Type	Rectangular waveguide, flexible twist
Product Brand	FlexTwist®

General Specifications

Component	Flexible Twist
Interface	PDR40
Interface 2	PDR40

Dimensions

Length	900 mm 35.433 in
Waveguide Size	WR229 WG11 R40

Electrical Specifications

Attenuation	0.13 dB/m 0.04 dB/ft
Average Power	4000 W
Operating Frequency Band	3.3 – 4.9 GHz
Peak Power	1550 kW
VSWR	1.1

Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)	165 mm 6.496 in
Minimum Bend Radius, Multiple Bends (H Plane)	330 mm 12.992 in
Maximum Twist	132 °/m 40.234 °/ft
Pressurization, maximum	0.207 N/mm ² 30 psi

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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 www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

