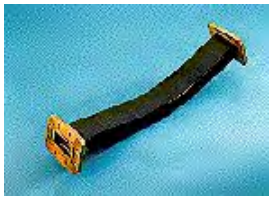
Product Specifications

F051HHS5

Flexible Twist for WR51, 15.0–22.0 GHz, with interface types PDR180 and PDR180, 1200 mm



CHARACTERISTICS

Electrical Specifications

Operating Frequency Band	15.0 – 22.0 GHz
Attenuation	0.55 db/ft | 1.80 db/m
Average Power	140 W
Peak Power	60.0 kW
VSWR	1.35

General Specifications

Component	Flexible Twist
Waveguide Size	WR51 | WG19 | R180
Interface	PDR180
Interface 2	PDR180
Length	1200 mm | 47 in

Mechanical Specifications

Maximum Twist	445.00 °/m | 135.00 °/ft
Minimum Bend Radius, Multiple Bends (E Plane)	38.00 mm | 1.50 in
Minimum Bend Radius, Multiple Bends (H Plane)	76.00 mm | 3.00 in
Pressurization, maximum	45 psi | 310 kPa

Component	Interface	Interface 2

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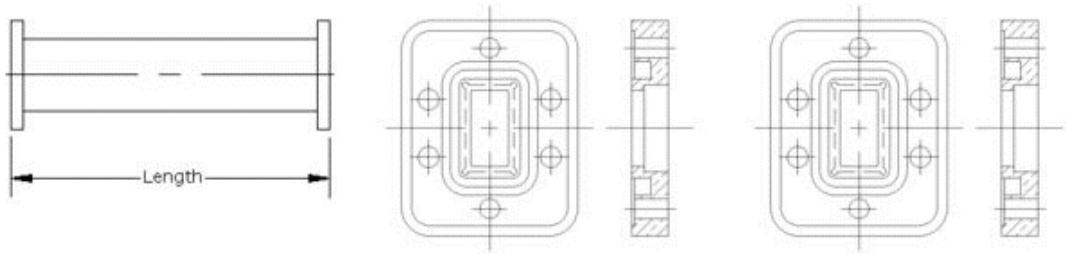

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

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