



WR28 Waveguide "I" Shape 360 Degrees Dual Channel Rotary Joint 33 - 36GHz

Features

- Dual Channel "I" shape Rotary Joint.
- Low Insertion Loss.

Typical Applications

- Radar Applications
- Research and Development
- Directional Antenna Feed



Electrical Specifications, $T_A=25\text{ }^\circ\text{C}$

Parameters	CH1			CH2			Units
	Min.	Typ.	Max.	Min.	Typ.	Max.	
Frequency Range	33		36	33		36	GHz
VSWR			1.35			1.5	:1
VSWR WOW			0.05			0.1	
Insertion Loss			0.5			0.5	dB
Insertion Loss WOW			0.1			0.1	dB
Average Power	30						W
Peak Power	0.3						KW
Max. RPM	240						
Rotations life cycle	5000000						
Waveguide Type	WR28						
Flange Type	UG599/U						

Environmental Specifications

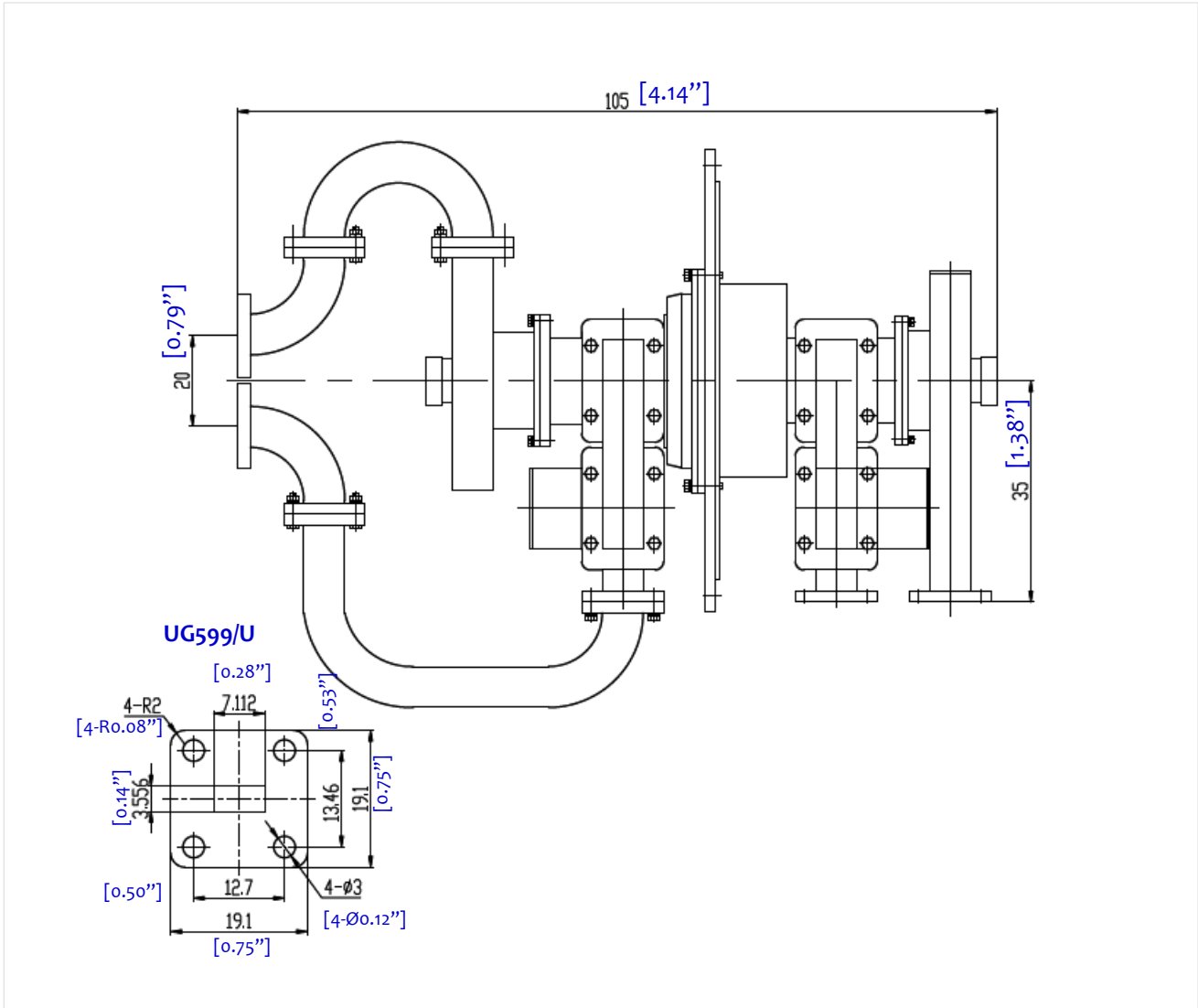
Operational Temperature ($^\circ\text{C}$)	-45 to +85
Storage Temperature ($^\circ\text{C}$)	-55 to +125
Altitude	45000 ft
Vibration	10g RMS (15 degrees 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 $^\circ\text{C}$
Shock	20G for 11msec

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Outline Drawing:

All Dimensions in mm [inches]



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