

WAVEGUIDE WR12 FIXED ATTENUATOR — RFWAT12W001




WR19	WG24	R500
UG383/U		
Dimension	inches	mm
A	1.130	28.850
C Holes	4 - 40 UNC-2B	
D Holes	0.063	1.6130
E Dowels	0.061	1.5550
All Holes	0.061	23.810

Electrical Specifications			
Part Number	Frequency Range	Attenuation	VSWR
RFWAT12W001-3	60-90GHz	3dB ± 0.5dB	1.8
RFWAT12W001-6	60-90GHz	6dB ± 0.5dB	1.8
RFWAT12W001-10	60-90GHz	10dB ± 0.5dB	1.8
RFWAT12W001-20	60-90GHz	20dB ± 0.5dB	1.8
RFWAT12W001-30	60-90GHz	30dB ± 0.5dB	1.8

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR12
1.2	Flange type	See chart
1.3	Flange Holes	Through
1.4	Basis-material	Cuprum
1.5	Internal Body Finish	Silver Plated chromate or conversion
1.6	External Body Finish	Body painted with gray/ blue epoxy enamel

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-60°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msec

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 RFWAT12W001 WAVEGUIDE ATTENUATOR		RF-LAMBDA	RFPFC
www.rflambda.com		CAD MODEL REVISION	0-4
		ASSEMBLY REVISION	VS2BS
		ASSEMBLY NAME	RFLV001
		DRAWING NUMBER	002-1
RF-LAMBDA		SIZE	IT
		SHEETS	1 OF 1