



WAVEGUIDE WR19 FIXED ATTENUATOR - RFWAT19W001



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
RFWAT19W001-3	40-60GHz	3dB ± 0.5dB	1.5
RFWAT19W001-6	40-60GHz	6dB ± 0.5dB	1.5
RFWAT19W001-10	40-60GHz	10dB ± 0.5dB	1.5
RFWAT19W001-20	40-60GHz	20dB ± 0.5dB	1.5
RFWAT19W001-30	40-60GHz	30dB ± 0.5dB	1.5

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR19
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

PAGE	OF	DATE	Jul 10 th 2007
<small>PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY RF-LAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY</small>		DESIGN	RFPG
		RF-LAMBDA	RFPG
		CAD MODEL REVISION	0-4
		ASSEMBLY REVISION	VS2BS
		ASSEMBLY NAME	RFLV001
		DRAWING NUMBER	002-1
www.rflambda.com		SIZE	IT
RF-LAMBDA		SHEETS	1 OF 1