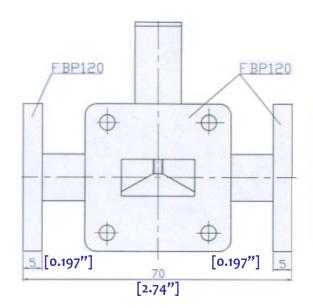
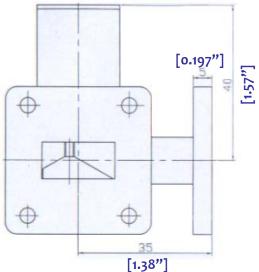
WAVEGUIDE WR75 MAGIC TEE POWER COMBINER- RWCB75W2T

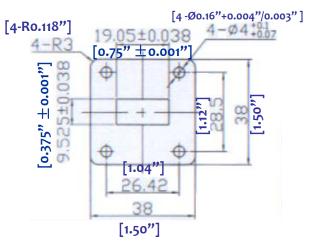






1.0	Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR75	
1.2	Flange type	COVER (Other type available)	
1.3	Flange Holes	Through	
1.4	Basis-material	Aluminum or Cuprum Alloyed	
1.5	Internal Body Finish	Silver Plated chromate or conversion	
1.6	External Body Finish	Body painted with gray/black 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	2.5 Humidity 100% RH at 35c, 95%RH a		
2.6	Shock	20G for 11msc	



3.0	Electrical Specifications		
3.1	Frequency Range	10~15GHz	
3.2	Combiner output	200W (CW)	
3.3	Peak Power	1KW (8us pulse)	
3.4	Coupling	3dB	
3.5	VSWR	1.20:1	
3.6	Amp Balance	o.5dB	
3.7	Insertion Loss	o.8dB	

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PAGE 1 OF 1	DATE Aug 23 th 2003] 2
PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE	DESIGN REPC	[
PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRUTUBG BT RF-LAMBDA. THE HOLDER OF THIS DOLICILMENT-SHALL KEEP ALL INFORMATION CONTAINED.	KFFC	L
HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION	RF-LAMBDA	
WHOLE OR IN PART I FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY	RFPC	
	CAD MODEL REVISION	1
	10	
RRWCB75W2T	ASSEMBLY REVISION	1
WAVEGUIDE MAGIC	VS2DS	H
TEF COMBINER	ASSEMBLY NAME RFI VR02	1
TEE COMBINER	NFLVNU2	
	DRAWING NUMBER	l٥
www.rflambda.com	D01-1	ľ
RF-LAMBDA SIZE SHEETS	05	
RF-LAIVIBDA LT	OF 1	