





ETA Active Balun - BOM - 051026

ID(s)	Type	Value	Mfr. Part No.	Section	Distributor	Distributor PN	Qty Basis	for (Cost	Qty	Total	Remarks
	Enclosure		1590G		Digikey	HM841-ND		\$6.430	1	\$6.43	
	Binding Post				Digikey	H7005K-ND		\$3.300	2	\$6.60	Dipole arms attach here
	FT Cap		1250-054	Power	Mouser	657-1250-054	82	\$5.020	1	\$5.02	
	Ground Lug								0	\$0.00	May not be needed
RF_OUT	N(F) Panel Jack		ANF-4010		HyperLink	ANF-4010	50	\$3.790	1	\$3.79	
	PCB				PCBExpress		2	\$40.000	1	\$40.00	
D1	Diode	1N914	FDLL914	Power	Mouser	512-FDLL914	100	\$0.030	1	\$0.03	
C1	Cap	0.47 uF		Power	Digikey	490-3291-1-ND	10	\$0.163	1	\$0.16	
VR1	VR	9V	LM2940IMP-9.0	Power	Digikey	LM2940IMP-9.0CT-ND	5	\$2.050	1	\$2.05	
C2	Cap	47 uF	F931C476MNC	Power	Digikey	493-2373-1-ND	10	\$0.757	1	\$0.76	
C7-C10	Cap	1000 pF	ECJ-1VB1H102K	Gain	Digikey	PCC1772CT	10	\$0.040	4	\$0.16	
Q1,Q2	Amp		GALI-74	Gain	Mini-Circuits		80	\$4.700	2	\$9.40	
C11,C12	Cap	0.1 uF	ECJ-1VB1E104K	Gain	Digikey	PCC2277CT	10	\$0.063	2	\$0.13	
R1,R2	Res	56 ohm	ERJ-1TYJ560U	Gain	Digikey	PT56XCT-ND	10	\$0.396	2	\$0.79	
L5,L6	Ind	1.5 uF	NLV25T-1R5J-PF	Gain	Digikey	445-1727-1	10	\$0.325	2	\$0.65	
	Att		PAT-x	Balun	Mini-Circuits				0	\$0.00	May not be needed
T1	Tra	1:2	ADT2-1T-1P	Balun	Mini-Circuits	ADT2-1T-1P	10	\$4.950	1	\$4.95	
TOTAL										\$80.92	