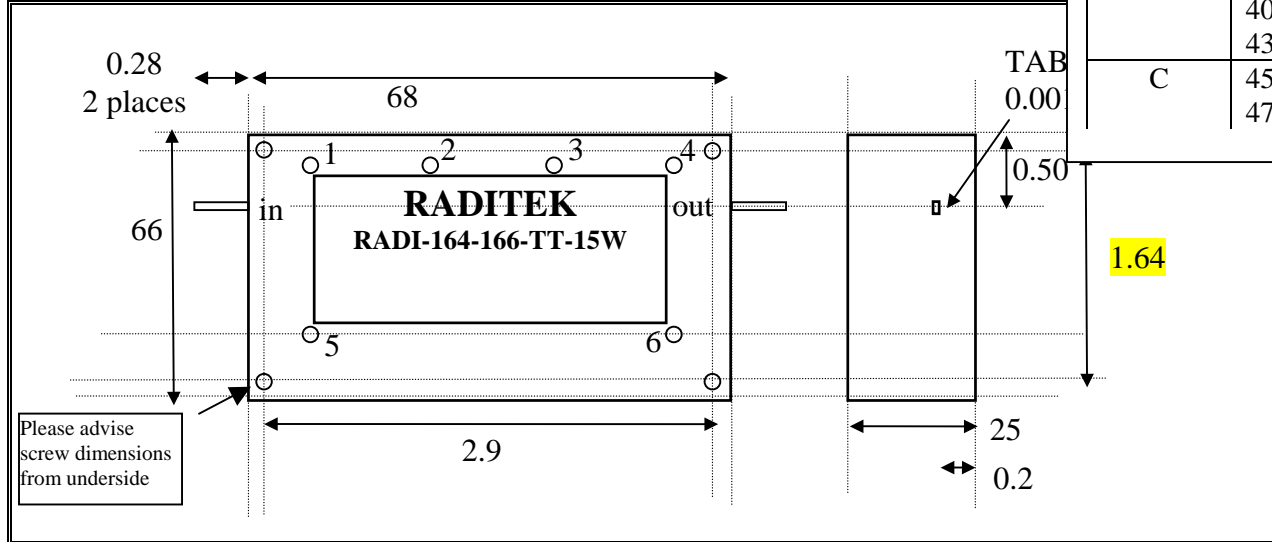


RADITEK

VHF/UHF Isolator RADI-136-512M-TT-15W see table for frequency options

Frequency Options

A	136-150
B	143-155
B	154-165
B	164-175
C	370-400, 400-430, 430-450
C	450-470, 470-512



Units: Inches Specifications:

	A	B	C	D	
Frequency	144 to 174	See table	See table	164 to 166	MHz
Instantaneous bandwidth	1.2, tunable	10 fixed	30 fixed	2MHz fixed	MHz
Insertion loss	1.0	0.7	0.8	0.8 1.0	dB (maximum) -30 to 0 / 50to 70
Isolation	50	18	20	40	dB (minimum)
VSWR	1.2:1	1.25:1	1.2:1	1.3:1	
Rated power (fwd and rev.)	15	15	15	15	Watts (average)
Power Handling with stand				50	Watts At any port
Gain Flatness				+/- 0.2	dB over 10M BW
Max Dimensions not including tabs				2" x 3.5" x 1.0"	
Operating temperature	0 to 45	-10 to +60	0 to 45	-30to 70	°C
Storage temperature				-40to 85	°C
Humidity				<95%	Non Condensing
Cooling				thru base plate	
Operating Altitude				-100 to 7000	ft

RADI-120-512M-TT-15WR code B

Specifications may be subject to change

11-5-04

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Tuning instructions:			Frequency options:	
Port	Tuning sequence	To optimize:	Model	Frequency options
1	1	VSWR, input	A	136-150
2	5	Ins loss	B	143-155
3	6	Ins loss	B	154-165
4	2	VSWR output	B	164-175
5	3	Isolation	C	370-400, 400-430, 430-450
6	4	Isolation	C	450-470, 470-512
RADI-	144-174-15W-TT-1.2BW	-TT -TT	Model A	
	144-154, 154-164, 164-174		Model B	
	403-430, 450-470		Model C	

RADI-144-174M-15W-TT

Specifications may be subject to change