

2.47 A Preamp Design For 2 Bands

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Used devices are MGF1402, MGF1412 or similar. C1 is formed by a 0.375" diameter Cu. disk attached to the centre conductor of an SMA connector. C2 is similar to C1, except that it is attached to a brass flat head screw. R1 is adjusted to obtain the desired 8-15 mA drain current while R2 is selected to obtain a voltage at CR1 that is somewhat under the zener voltage. Construction details can be seen in Figure 2-39 and Table 2-2.

Table 2-2: WA7CJO Preamp dimensions for different bands

Part	432 MHz	1296 MHz
A	5.00"	1.55"
B	0.50"	0.50"
C	0.10"	0.10"
D1	1.00"	1.00"
D2	0.375"	0.375"

Figure 2-39: A Preamp Design For 2 Bands



