

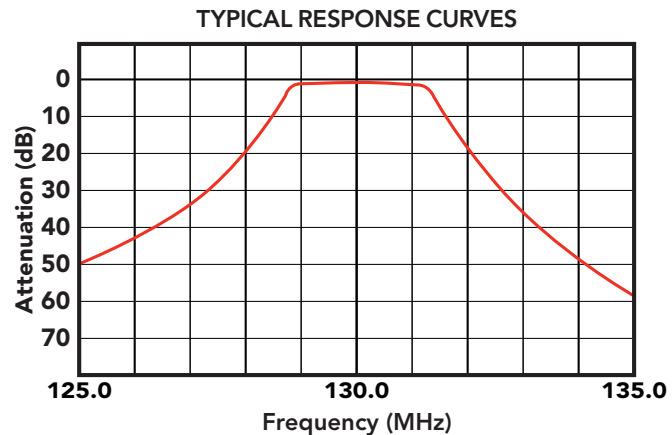
## TPCP-1344C / TPCP-1344CM COMPACT VHF AIRBAND PRESELECTOR

The TPCP-1344C/CM offers high performance in a compact design for the 118-136 MHz VHF airband. The TPCP-1344C provides a bandpass of 2 MHz or less, with typical isolation of better than 50 dB at +/- 5 MHz, and insertion loss of 1.5 dB or less.

A custom extruded 4-inch square cavity allows horizontal mounting on a standard 19-inch rack, with rack height of 5.25"(C) and 4"(CM). The "C" model mounts in a 19-inch EIA rack, and the "CM" has adjustable mounting tabs for installation in a cabinet.



TPCP-1344C



| ELECTRICAL SPECIFICATIONS         |                                     |                   |
|-----------------------------------|-------------------------------------|-------------------|
| Tuning range                      | 118-136 MHz                         |                   |
| Pass bandwidth (max)              | 2 MHz                               |                   |
| Insertion loss (typ)              | 1.5 dB                              |                   |
| Attenuation at +/- 5 MHz Fo (min) | 50 dB                               |                   |
| Impedance (nom) / VSWR (max)      | 50 ohms / 1.5:1                     |                   |
| Input power (max)                 | 350 watts                           |                   |
| Temperature range                 | -30°C to +70°C                      |                   |
| Number of cavities                | 4                                   |                   |
| MECHANICAL SPECIFICATIONS         |                                     |                   |
| Mounting                          | 1344C                               | 19" Rack mount    |
|                                   | 1344CM                              | 19" Cabinet mount |
| Dimensions (HWD) in.              | 1344C                               | 5.25 x 19 x 18    |
|                                   | (tuning rods fully extended) 1344CM | 4 x 19 x 18       |
| Connectors                        | N Female, UHF (opt.)                |                   |
| Finish                            | Alodine / Gray acrylic enamel       |                   |
| Net weight                        | 19.25 lb.                           |                   |



TPCP-1344CM