

|           |             |
|-----------|-------------|
| TPCP-1414 | 140-150 MHz |
| TPCP-1514 | 150-160 MHz |
| TPCP-1614 | 160-170 MHz |
| TPCP-1714 | 170-180 MHz |

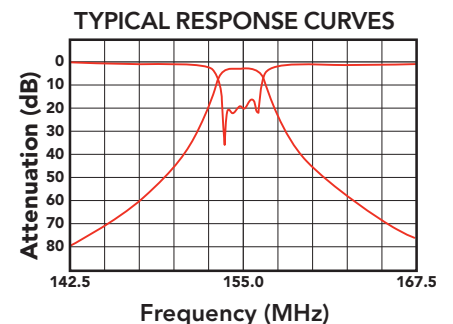
## TPCP-1414, -1514, -1614, -1714 COMPACT VHF PRESELECTORS

The TPCP-1414, -1514, -1614, and -1714 are very compact, 4-cavity preselectors for the VHF band from 140-180 MHz. These preselectors produce a minimum of 45 dB attenuation, and are ideal for limited space applications, including portable repeaters and mobile installations.

Simple mounting to any flat surface allows maximum flexibility. Each model covers a 10 MHz tuning range.



| SPECIFICATIONS - TPCP-1414, 1514, 1614, 1714 |      |                                  |
|--|------|----------------------------------|
| Frequency range                              | 1414 | 140-150 MHz                      |
|  | 1514 | 150-160 MHz                      |
|  | 1614 | 160-170 MHz                      |
|  | 1714 | 170-180 MHz                      |
| Bandpass (typ)                               |      | 2 MHz                            |
| Attenuation at +/- 5 MHz                     |      | 45 dB                            |
| Insertion loss (typ)                         |      | 1.5 dB                           |
| Power input (max)                            |      | 50 watts                         |
| Impedance (nom) / VSWR (max)                 |      | 50 ohms / 1.5:1                  |
| Temperature range                            |      | -30°C to +70°C                   |
| Number of cavities / size                    |      | 4 / 1"                           |
| Connectors                                   |      | BNC female, N female (opt)       |
| Dimensions (HWD) in. (cm)                    |      | 1.25 x 4 x 5 (3.2 x 10.2 x 12.7) |
| Mounting                                     |      | Flat surface                     |
| Finish                                       |      | Black enamel                     |
| Net weight lb. (kg)                          |      | 1 (0.45)                         |
| Shipping weight lb. (kg)                     |      | 2 (0.9)                          |



Appearance of current production models may vary from picture.