

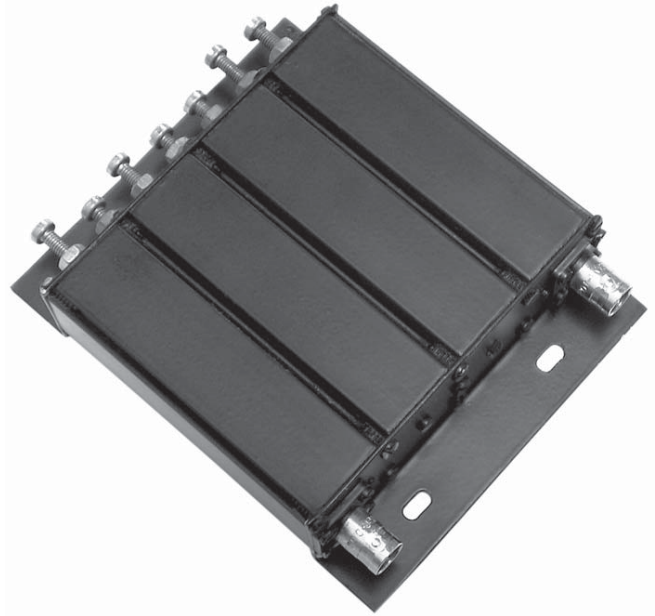
140 - 180 MHz

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

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

The TPCP-1414, -1514, -1614, and -1714 are ultra-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 mobile command centers and tovertop systems.

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



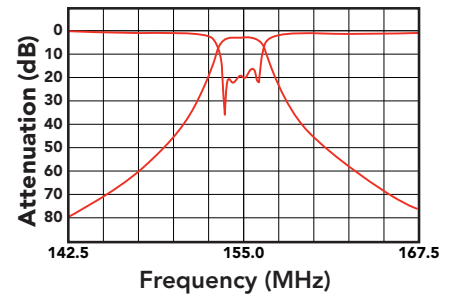
ELECTRICAL SPECIFICATIONS

Frequency range	1414 - 140-150 MHz 1514 - 150-160 MHz 1614 - 160-170 MHz 1714 - 170-180 MHz
Pass bandwidth	1 MHz or Less
Max input power	50 watts
Insertion loss (typ)	2.0 dB
Attenuation at +/- 5 MHz (min)	45 dB
VSWR, ref. to 50 ohms (max)	1.5:1
Temperature range	-30°C to +70°C
Number of cavities	4

MECHANICAL SPECIFICATIONS

Dimensions (HWD) in. (cm)	1.25 x 4 x 5 (3.2 x 10.2 x 12.7)
Mounting	Flat surface
Connectors	BNC female
Finish	Black enamel
Net weight lb. (kg)	1 (0.45)
Shipping weight lb. (kg)	2 (0.9)

TYPICAL RESPONSE CURVES



Appearance of current production models may vary from picture.



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All specifications subject to change without notice
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