

TPRD-1444C, 1444CM COMPACT PASS / REJECT DUPLEXER

The TPRD-1444C and 1444CM produce high performance in a compact design for the 135-151 MHz VHF band. These duplexers are only one-third of the size of earlier models, and deliver equivalent performance.

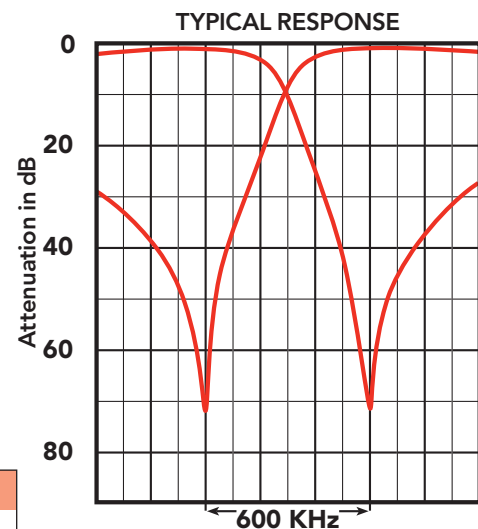
The TPRD-1444C/CM produces 70 dB isolation at 600 KHz, with a 350 watt power rating, and insertion loss is 1.5 dB or less. Each duplexer fits a standard 19" rack, with rack height of 5.25" and 4" respectively. The TPRD-1444CM is supplied with adjustable mounting tabs for installation in a cabinet.



TPRD-1444C



TPRD-1444CM



ELECTRICAL SPECIFICATIONS		
Tuning range	135-151 MHz	
Frequency separation (min)	600 KHz	
Maximum input power	350 watts	
Insertion loss - TX / RX to ant.	1.5 dB	
TX noise suppression at RX (typ)	70 dB at 600 KHz	
RX isolation at TX (typ)	70 dB at 600 KHz	
VSWR (max)	1.5:1	
Temperature range	-30°C to +70°C	
Number of cavities	(4) - 4"	
MECHANICAL SPECIFICATIONS		
	1444C	1444CM
Mounting	19" Rack	19" Cabinet
Dimensions (HWD) in. (cm)	5.25 x 19 x 16	4 x 19 x 16
(Tuners fully extended)	13 x 48 x 41	10 x 48 x 41
Connectors	N or UHF female (opt.)	
Finish	Gray acrylic enamel	
Net weight lb. (kg)	19.25 (8.7)	