

## TPRD-1344C, 1344CM

### COMPACT PASS / REJECT DUPLEXER

The TPRD-1344C and 1344CM produce high performance in a compact design for the 118-136 MHz VHF Air band. These duplexers are only one-third of the size of earlier models, and deliver equivalent performance.

The TPRD-1344C/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-1344CM is supplied with adjustable mounting tabs for installation in a cabinet.


**TPRD-1344C**

**TPRD-1344CM**

ELECTRICAL SPECIFICATIONS		
Tuning range	118-136 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	
Cavities	(4) - 4"	
MECHANICAL SPECIFICATIONS		
	1344C	1344CM
Mounting	19" Rack	19" Cabinet
Dimensions (HWD) in. (cm)	5.25 x 19 x 16 (13 x 48 x 41)	4 x 19 x 16 (10 x 48 x 41)
Connectors	N or UHF female (opt.)	
Finish	Gray acrylic enamel	
Net weight lb. (kg)	21 (9.5)	

