

TPRD-1543C

COMPACT PASS / REJECT DUPLEXER

The TPRD-1543C produces high performance in a compact design for the 148-174 MHz VHF band. This duplexer is less than 30% of the size of earlier models, and delivers equivalent performance.

Precise construction and high quality components results in excellent temperature stability under the most demanding conditions. The duplexer fits a standard 19" rack, with rack height of 5.25". Each duplexer is tuned and tested for maximum performance prior to shipping.



ELECTRICAL SPECIFICATIONS

Tuning range	148-174 MHz
Frequency separation (min)	5 MHz
Maximum input power	350 watts
Insertion loss TX / RX to ant.	1.5 dB
TX noise suppression at RX (typ)	90 dB
RX isolation at TX (typ)	50 dB
VSWR (max)	1.5:1
Temperature range	-30°C to +70°C
Number of cavities	(3) - 4"

MECHANICAL SPECIFICATIONS

Mounting	19" Rack
Dimensions (HWD) in.	5.25 x 19 x 11.5
(tuning rods fully extended) in.	5.25 x 19 x 16.5
Connectors	N or UHF female
Finish	Acrylic enamel
Net weight lb. (kg)	15 lb.

