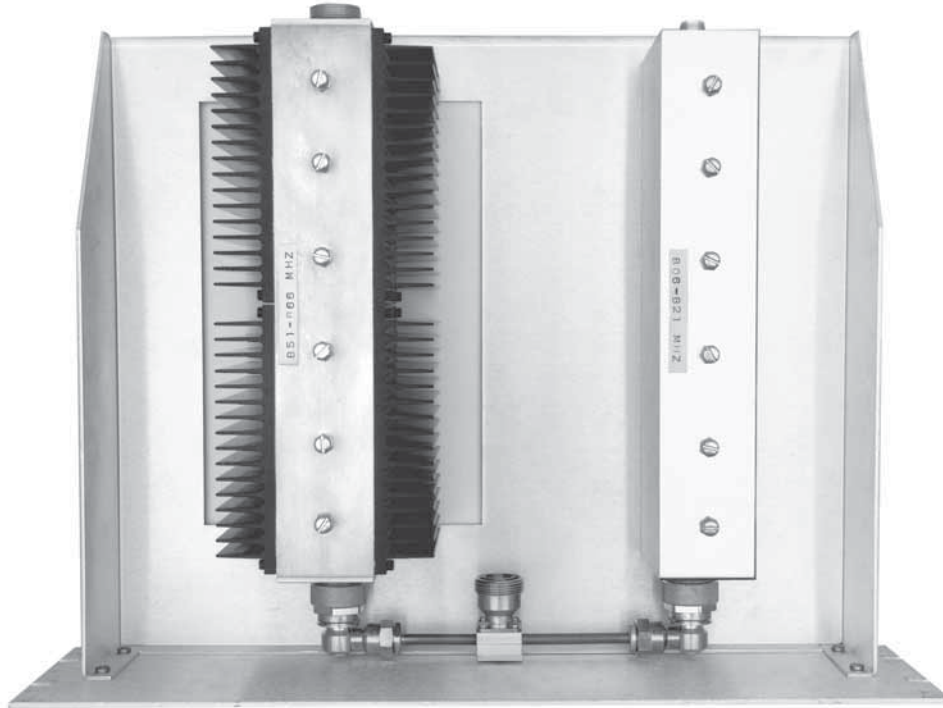


## TPCD-8626HP

### HIGH POWER COMBLINE DUPLEXER



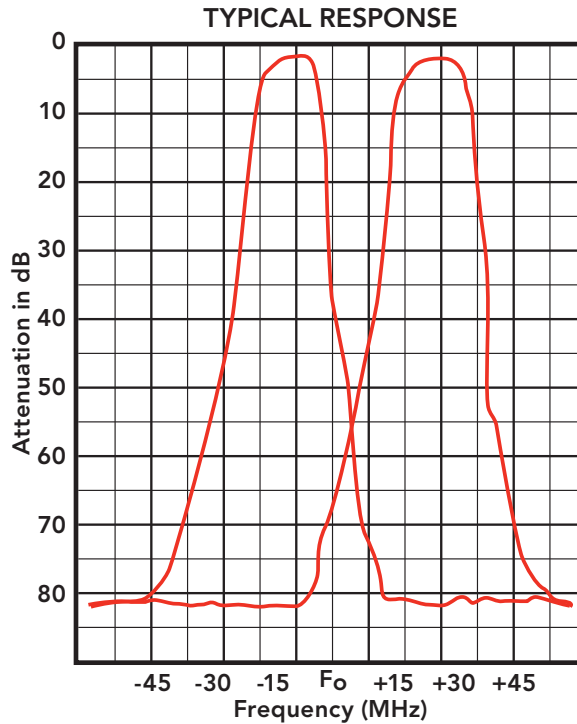
The Telewave TPCD-8626HP High Power Comblin Duplexer handles 500 watts, and is specially designed for 800 and 900 MHz master antenna systems which require high power handling, sharp selectivity, and very low insertion loss. This duplexer supports systems with large frequency spreads, and ensures suppression of out-of-band emissions (OOBE).

The TPCD-8626HP duplexer consists of two comblin filters with 7-16 DIN connectors on both transmitter and antenna ports. The filters are mounted on a tray with a 19" x 5.25" front panel.

All units are tuned to user-specified frequency bands for optimum performance. No further adjustment is required.

Telewave High Power Comblin Duplexers offer the ultimate performance in trunking and conventional systems, providing protection against receiver desensitization and interference at congested sites.

# TPCD-8626HP



RF SPECIFICATIONS		
Frequency range	806-960 MHz	
Frequency separation (min)	45 MHz	
Maximum input power	500 watts	
TX/RX pass bandwidth	15 MHz std. (10, 20, 26 MHz opt.)	
Insertion loss at pass bandwidth (TX and RX)	0.4 dB typ. / 0.75 dB max	
TX attenuation at RX band (typ)	85 dB	
RX attenuation at TX band (typ)	85 dB	
TX to RX attenuation (min)	85 dB	
VSWR, ref. to 50 ohms (max)	1.5:1	
Temperature range	-30°C to +70°C	
MECHANICAL SPECIFICATIONS		
Dimensions (HWD) in. (cm)	5.25 x 19 x 16 (13.3 x 48 x 40.6)	
Mounting	19" Panel	
Connectors	Antenna, TX input	7-16 DIN
	RX Output	N Female
Panel finish	Clear alodine	
Cavity finish	Gray enamel	
Net weight lb. (kg)	15 (6.8)	
Shipping weight lb. (kg)	19.5 (8.9)	