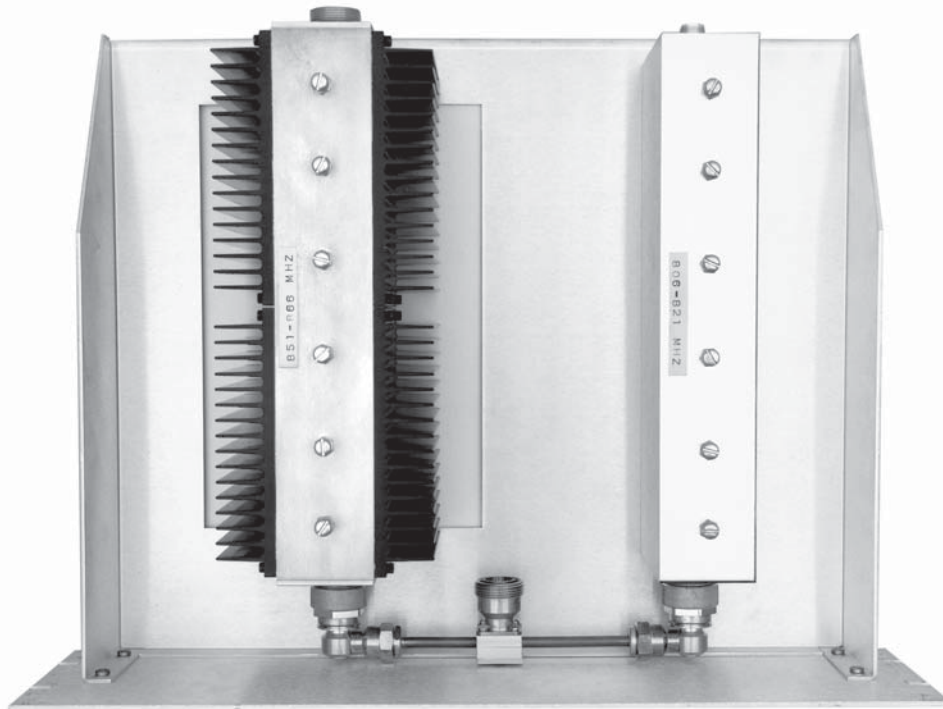


TPCD-8626HP

HIGH POWER COMBLINE DUPLEXER



The Telewave TPCD-8626HP High Power Comblin Duplexer is specially designed for 800 MHz master antenna systems. This duplexer allows customers to utilize both trunking and conventional frequency assignments, and ensures rejection of internal noise sources.

The TPCD-8626HP duplexer consists of two combline filters mounted in a 5.25" EIA rack space with 7-16 DIN connectors on both transmitter and antenna ports. It features sharp-skirt selectivity, with minimum insertion loss. (See next page for typical response curves.)

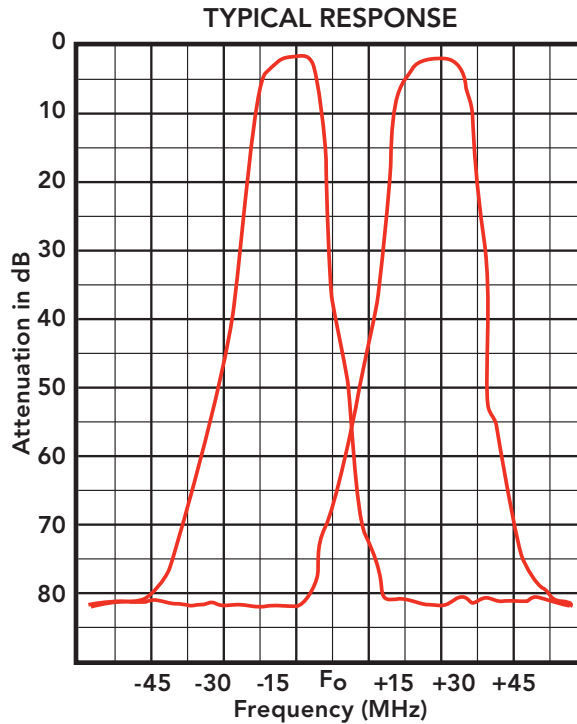
Maximum transmitter to receiver protection is achieved across the full 15 MHz standard TX and RX bands.

10, 20, and 26 MHz bandwidths are available for Cellular and GSM.

All units are tuned to customer-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 RX Output
	7-16 DIN 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)