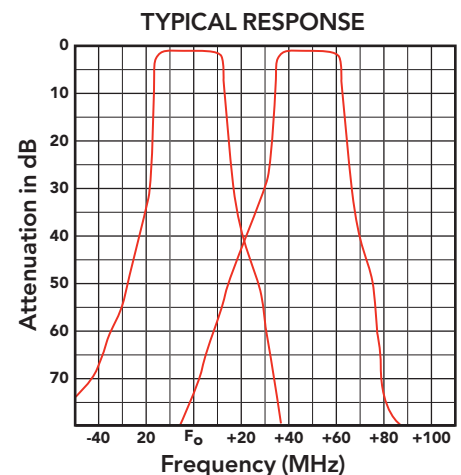
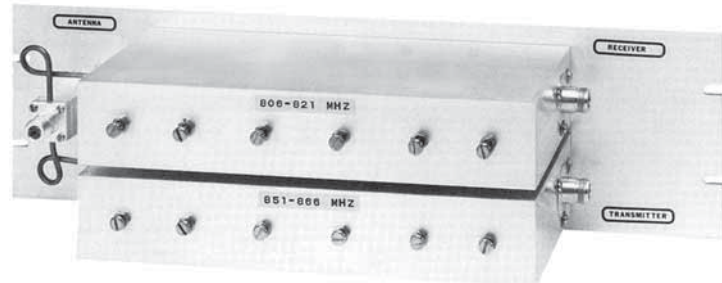


TPCD-8626 COMBLINE DUPLEXER

The Telewave TPCD-8626 Comblin duplexer is specifically designed for use with 800 MHz master antenna systems, supporting trunking and conventional channels with excellent rejection of external noise sources. Maximum transmitter-to-receiver protection is achieved across the full 806-821 and 851-866 MHz bands.

The duplexer consists of two compact comblin filters mounted on a single 5.25" panel, and provides steep-skirt selectivity with minimum insertion loss. All units are tuned and tested with customer specified frequencies for optimum performance. No further field adjustment should be required.

Telewave comblin duplexers offer the ultimate performance for trunking and conventional systems, providing protection against receiver desensitization and interference at congested sites.



ELECTRICAL SPECIFICATIONS

Frequency range	806-960 MHz
Frequency separation (min)	45 MHz
Maximum input power	350 watts
TX or RX pass bandwidth	15 MHz typ / 18 MHz max
Insertion loss at pass bandwidth (TX / RX)	1 dB max / 0.5 dB (typ)
TX attenuation at RX band (min)	85 dB
RX attenuation at TX band (min)	85 dB
TX-to-RX attenuation (min)	75 dB
VSWR, ref. to 50 ohms (max)	1.5:1
Temperature range	-30°C to +70°C

MECHANICAL SPECIFICATIONS

Mounting	19" Panel
Dimensions HWD in. (cm)	5.25 x 19 x 4.5 (13.3 x 48 x 11.4)
Connectors	N Female
Finish	Clear alodine
Net weight lb. (kg)	9.5 (4.3)
Shipping weight lb. (kg)	14 (6.4)