

## M106-860-5TP/10TP COMPACT EXPANDABLE TRUNKING COMBINER PANELS

The Telewave M106-860 Compact Trunking Combiner is the industry leader for excellence in low-loss combiner technology.

The completely passive combining technique with front panel tuning access simplifies installation and maintenance, and allows for the addition of new channels without any disruption of service.

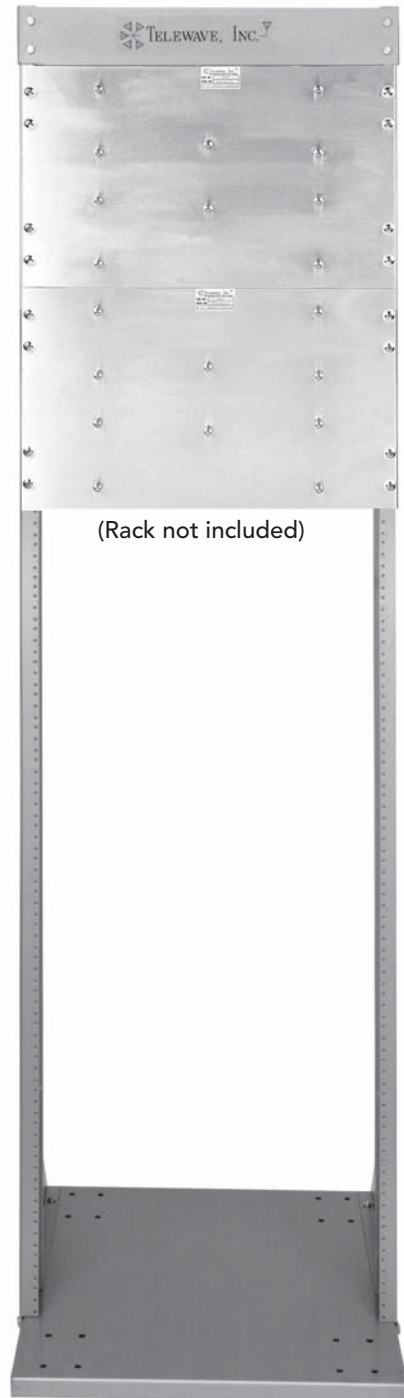
Each combiner panel is field expandable up to five channels. Additional pre-tuned combiner panels can be added at any time. Valuable site space is conserved when using efficient Telewave combiners.

The modular building-block construction means no specialized test equipment is required.

The advanced mechanical design of Telewave high "Q" cavities assures maximum long-term system performance.

Heavy duty 19" racks, duplexers, and receiver multicoupler systems are available as upgrades.

CLOSE-UP OF REAR PANEL (10 CH.)



SPECIFICATIONS	
Frequency range	851-869 MHz
Channels	1-10 channels into 1 or 2 antennas
Channel separation (min)	500 KHz
Input power (max)	100 watts per channel
Impedance / Input VSWR (typ.)	50 ohms / 1.25:1
Insertion loss per ch. (typ.)	2.0 dB - 5 ch. at 1 MHz spacing
	3.2 dB - 10 ch. at 500 KHz spacing
TX-to-TX isolation (typ.)	80 dB
Antenna to TX isolation (typ.)	65 dB
2nd harmonic suppression (typ.)	90 dB
Cavity size	6" diameter / 1/4 wave
Operating temperature	-30°C to +60°C
Mounting / Connectors	19" rack mount / N Female
Panel dimensions (HWD) in. (cm)	12.25 x 19 x 17 (31 x 48.3 x 43.2)
Weight lb. (kg)	75 (34) 5 ch.