

M106-450-4/8TPC COMPACT TRANSMITTER COMBINER PANELS

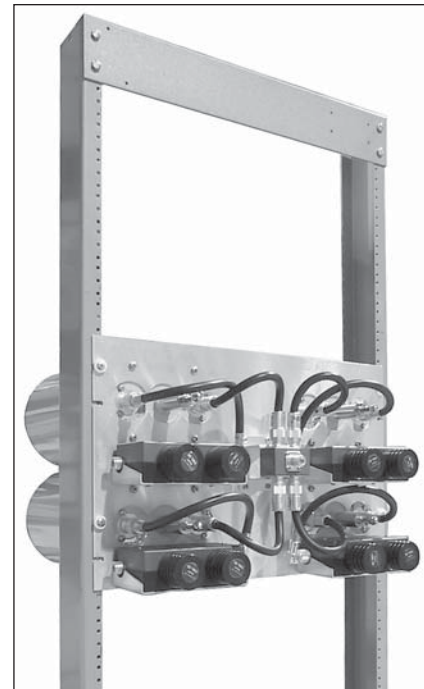
The Telewave M106-450-4TPC and 8TPC Compact Low Loss Combiner Panels are designed for new, narrow-band technologies. Six-inch diameter high "Q" cavities and horizontal mounting dual isolators provide high performance in only 7RU (12.25").

All components in these field-expandable combiners are completely passive. This design allows for front panel tuning, simplifying installation and maintenance, and allows for addition of channels without any disruption of service.

These combiners are shipped without racks, for mounting in existing installations.

FEATURES

- ULTRA COMPACT - 4 CH. ONLY 12.25" HIGH
- 1-8 TRANSMITTERS INTO ONE ANTENNA
- LESS THAN 2.5 dB INSERTION LOSS (4 CH.)
- MODULAR PANELS SIMPLIFY EXPANSION
- COMPLETELY SELF-CONTAINED
- LOW COST PER CHANNEL
- FULLY FIELD TUNABLE
- 85 dB TX TO TX PROTECTION



MAJOR OPTIONS

- HEAVY DUTY 19" RACKS
- POWER MONITORING
- WATTMETER PANEL
- RECEIVER MULTICOUPLER
- EXPANSION KITS TO 8 CHANNELS (M106-450-1T)

SPECIFICATIONS

Channels	1-8 channels into one antenna	
Frequency range	400-512 MHz	
Impedance	50 ohms	
Input power (max)	150 watts per channel	
Insertion loss (typ.)	4 CH	2.25 dB at 500 KHz
	4 CH	2.9 dB at 300 KHz
	8 CH	2.75 dB at 500 KHz
	8 CH	3.4 dB at 300 KHz
TX-to-TX isolation	85 dB or greater	
2nd harmonic suppression	90 dB or greater	
Operating temperature	-30°C to +60°C	
Panel dimensions (HWD) in. (cm)	12.25 x 19 x 17 (31.1 x 48.3 x 43.2)	
Weight lb. (kg)	60 (27.2)	