

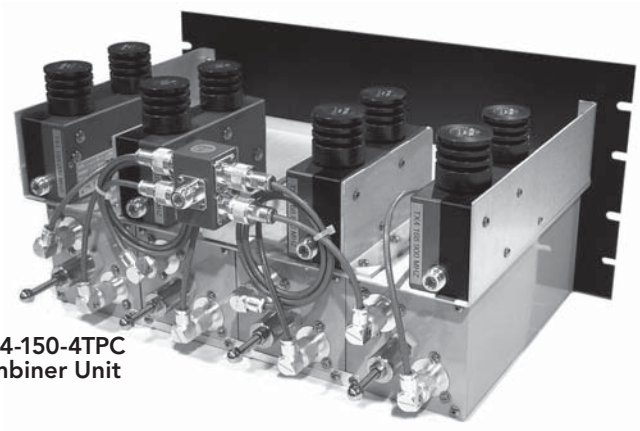
## M104-150-4TPC

### 4 CHANNEL LOW LOSS COMBINER

The M104-150-4TPC Low Loss VHF Combiner offers the same high performance as our standard low loss combiners, in a much smaller package. State of the art technology allows us to create one of the world's smallest low loss combiners.

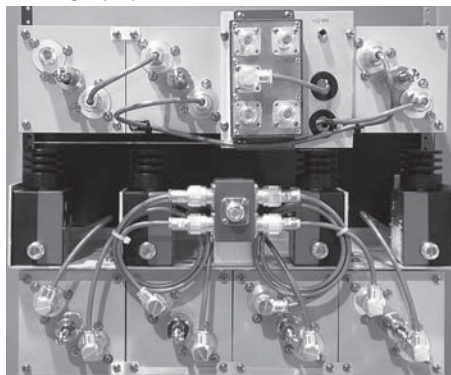
The M104-150-4TPC combines up to 4 channels per unit, with 300 KHz separation, in only 8.75" of standard rack space. The modular combining units can be grouped for up to 16 channels to accommodate system expansion.

The optional receiver system utilizes the Telewave TPMC-1543 multicoupler for enhanced receiver performance, and distribution to 4 receivers.



M104-150-4TPC  
Combiner Unit

TPMC-1543



M104-150-4TPC in 19" rack

SPECIFICATIONS	
Frequency range	148-170 MHz
Channels	1-4 channels into 1 antenna
Channel separation (min)	300 KHz
Input power (max)	100 watts per channel
Impedance / Input VSWR (typ.)	50 ohms / 1.25:1
Insertion loss per ch. (typ.)	3.4 dB - 4 ch. at 300 KHz spacing
TX-to-TX isolation (typ.)	75 dB
Antenna to TX isolation (typ.)	70 dB
2nd harmonic suppression (typ.)	90 dB
Cavity size	4" square / 1/4 wave
Operating temperature	-30°C to +60°C
Mounting / Connectors	19" rack mount / N Female
Panel dimensions (HWD) in. / cm	8.75 x 19 x 12.5 (21.6 x 48.3 x 31.75)
Weight lb. (kg)	32 (14.5)