

806 - 960 MHz

Expandable 10 Channel Trunking Combiner

The TELEWAVE 800 MHz Trunking Combiner is the industry leader for excellence in low-loss combiner technology. Ease of installation and maintenance is accomplished by front panel tuning.

All Trunking Combiners are priced complete including 19-inch rack or heavy duty steel cabinet with locking front and rear doors, complete transmitter package, receiver distribution system, preselector and power monitoring package.

The completely passive combining technique, as utilized, allows for maintenance and addition of channels without disruption of the system.

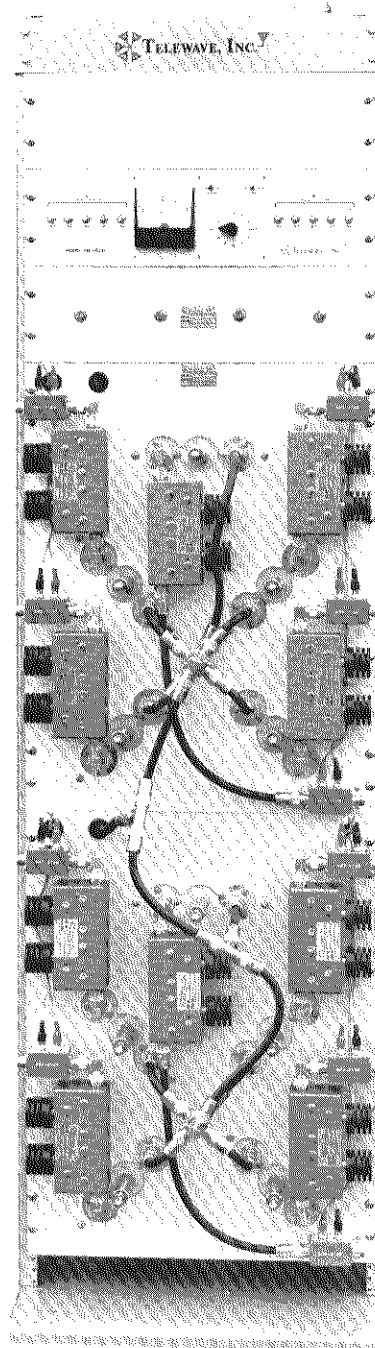
Your valuable site space is conserved when using efficient TELEWAVE – designed combiners.

RF power metering is a standard feature. All forward and reverse power measurements are switchable for each transmitter and antenna.

Convenient remote transmitter keying is included on the RF wattmeter panel.

All rack-mount 5-channel combiners are field expandable to 10 channels. Expansions are accomplished by the addition of pre-tuned combiner panels. Modular building-block construction means no specialized test equipment is required.

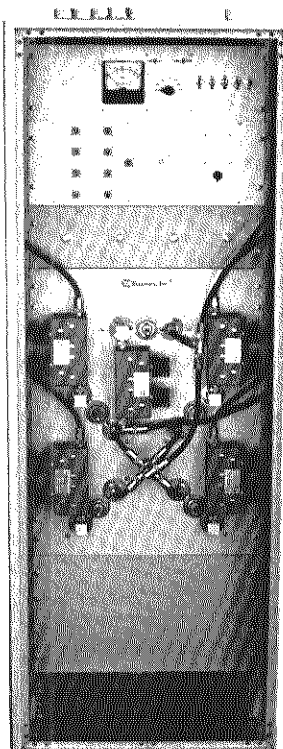
The advanced mechanical design of the TELEWAVE 8-inch, high-Q cavities assures maximum long-term system performance. All cables are easily accessible from the front of the rack; THERE ARE NO HIDDEN CABLES!



M101 - 860 - 10TRM

Telewave, Inc.

1155 Terra Bella Avenue / Mountain View / CA 94043 / Tel. (415) 968-4400 / FAX: (415) 968-1741
Email: sales@telewaveinc.com / <http://www.telewaveinc.com> / ORDER TOLL FREE — (800) 331-3396

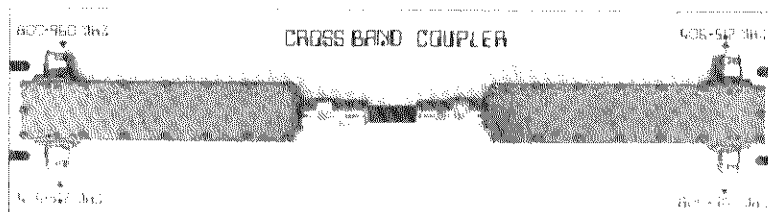


M101-860-5TCM

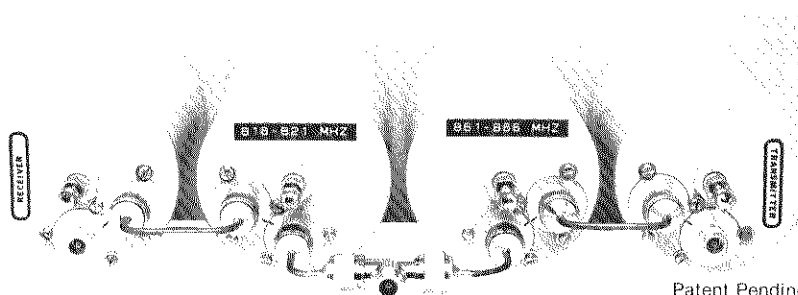
- EXPANDABLE
- LOW LOSS

RACK-MOUNT

5 Ch: M101-860-5TRM
10 Ch: M101-860-10TRM



TS4680



TTPD-8644 Duplexer

A special coupling technique provides a true band-pass response while rejecting a specified frequency band. (5 or 15 MHz Tx/Rx passbands.)

MODELS

CABINET-MOUNT

M101-860-5TCM
M101-860-10TCM

GENERAL SPECIFICATIONS

Transmitter Combiner

Frequency 806-960 MHz
Frequency Spacing (min) 250 KHz
Metering All Transmitters & Antenna
Temperature - 30°C to + 60°C
Tx to Tx Isolation 85 dB (min)
Ant to Tx Isolation 80 dB
Insertion loss (typical)
 5 ch. at 1 MHz spacing 2.2 dB
 10 ch. at 500 KHz spacing 3.2 dB
Power Input Per Channel 150 Watts
Transmitter Input VSWR (max) 1.25:1

Receiver Distribution System

Frequency 806-960 MHz
Rx to Rx Isolation (min) 25 dB
Power Input 115 Vac or 12 VDC
3rd Order IM Intercept Point + 38 dB
Noise Figure 4 dB
Gain Through System 0 to 2 dB
Temperature - 40°C to + 60°C
Connectors Type N Female
Number Receiver Channels 8, 16 or 24
Mounting 19-inch panels
Test Port - 20 dB

Telewave, Inc.

1155 Terra Bella Avenue / Mountain View / CA 94043 / Tel. (415) 968-4400 / FAX: (415) 968-1741
Email: sales@telewaveinc.com / <http://www.telewaveinc.com> / ORDER TOLL FREE — (800) 331-3396