



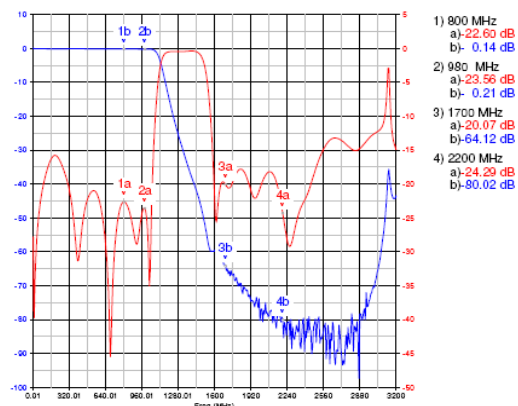
LCW's 800 MHz + 1900 MHz Combiner allows for the use of a single, wide band antenna to transmit and receive both 800 MHz (AMPS/EGSM-900) and 1900 MHz (PCS/GSM-1800/UMTS) signals. The unit is available with temperature compensation and weatherproofing as an option for use in more extreme environmental conditions.

## STANDARD DESIGN FEATURES

Passbands AMPS/EGSM-900 PCS/GSM-1800/UMTS	800-900 MHz 1700-2200 MHz
Passband Insertion Loss	0.5 dB max
Passband Return Loss	18 dB min
Antenna to 800 MHz Rejection 1700-2200 MHz	50 dB min
Antenna to Transmit Rejection 800-980 MHz	50 dB min
800 MHz – 1900 MHz Isolation	50 dB min
Power Handling CW Peak	200 Watts 1000 Watts
Third Order Intermod	110 dBm min with two +43 dBm tones
Operating Temperature	-20 to +70 deg C
Connectors	Low IM N or 7/16 DIN Female
Size*	8.00" x 7.00" x 1.20"

\*Not including connectors

## 800 MHz CHANNEL DATA



## 1900 MHz CHANNEL DATA

