

COMTELCO

Technical Specification

QC850

800-960MHz

WIDE BAND COUPLER/STACKER

Wide band Performance: The QC850 is a 4 port wideband power divider type coupler. It can be used to combine up to 4 antennas with minimum system loss. It is rated at 125.

Rugged Construction: This unit is completely sealed and foam filled for long term reliability and moisture protection.

Weatherproof: The basic design allows for outdoor tower installation as well as rack or system mount.

Lightweight: This coupler is lightweight at less than 2 lbs.

Combiner: As a coupler, this unit provides maximum signal transfer between as many as four directional antennas, or any combination of directional and omni directional antennas.

Coupler: Using the QC850, four cellular telephones can be attached to one antenna.

Stacking: This coupler/stacker also provides a method to stack up to four antennas for increased gain using standard 50 ohm cable.



ELECTRICAL SPECIFICATIONS:

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|-------------------------|----------------------------|
| FREQUENCY RANGE: | 800-970MHz |
| INSERTION LOSS: | <.4dB |
| IMPEDANCE: | 50 ohms |
| VSWR: | <2:1(All ports terminated) |
| POWER RATING: | 125 watts |

MECHANICAL SPECIFICATIONS:

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|----------------------|---|
| CONSTRUCTION: | Anodized aluminum sealed element structure |
| TERMINATION: | Standard Type N female Optional TNC female |
| DIMENSIONS: | 7 1/4" long X 4 3/16" wide |
| MOUNTING: | Mounting flange |