

**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:**

<b>FREQUENCY RANGE:</b>	800-970MHz
<b>INSERTION LOSS:</b>	<0.4dB
<b>IMPEDANCE:</b>	50 ohms
<b>VSWR:</b>	<2:1(All ports terminated)
<b>POWER RATING:</b>	125 watts

**MECHANICAL SPECIFICATIONS:**

<b>CONSTRUCTION:</b>	Anodized aluminum sealed element structure
<b>TERMINATION:</b>	Standard Type N female
<b>DIMENSIONS:</b>	7 1/4" (18.4cm) long x 4 3/16" (10.6cm) wide
<b>MOUNTING:</b>	Mounting flange