

## CS50-USB antenna specifications

(CS50 per type acceptance of Sept. 2004) S. Evans

### Base unit:

Antenna operating band	902 - 928MHz
Antenna type	F
Antenna gain (directional)	1.5dB maximum
Antenna polarization	Horizontal or vertical depending on unit orientation
Antenna loss (radiation resistance loss)	1dB maximum, 0.5dB typical
Antenna Input match inband	8dB return loss with specified shunt tuning

### Remote (headset) unit:

Antenna operating band	902 - 928MHz
Antenna type	half-dipole working into ground
Antenna gain (directional)	2.1dB maximum
Antenna polarization	vertical
Antenna loss (radiation resistance loss)	1dB maximum, 0.5dB typical
Antenna Input match inband	6dB return loss with specified LC tuning