# Radio Interface Cable

## For NCS-C250 Mobile Multi-Switcher

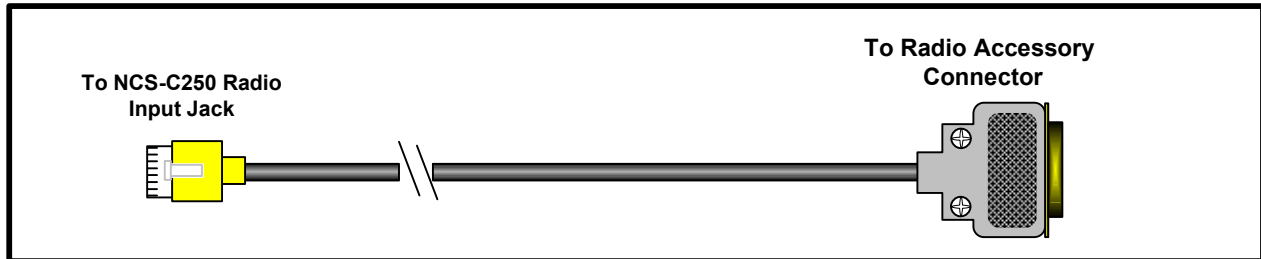### NCS Model Number

# NCS-250-VCA-XX

**Vertex Compatible Radios:**
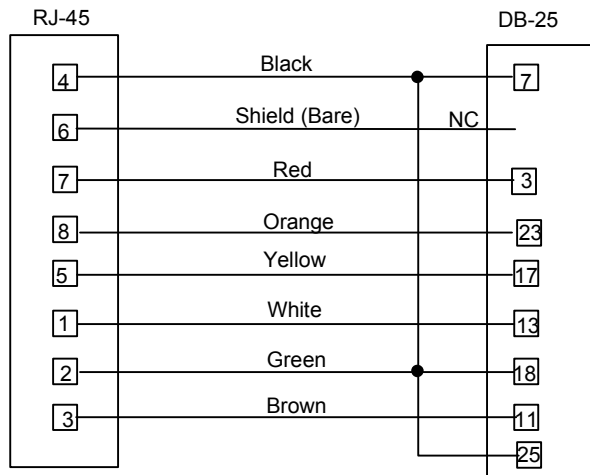
| |
|---|
| **VX-4000** |
| **VX-5500** |
| **VX-6000** |

**To NCS-C250 Radio Input Jack**

**To Radio Accessory Connector**

### RJ-45

| Pin # | Wire Color | Function |
|---|---|---|
| 1 | White | Mic Hi |
| 2 | Green | Mic Lo |
| 3 | Brown | PTT |
| 4 | Black | Ground |
| 5 | Yellow | Rx Audio |
| 6 | Shield | Ground |
| 7 | Red | Hook Sw* |
| 8 | Orange | COR* |

**\* Works only on units with Hook Switch or COR Options installed**

| RJ-45 | | DB-25 |
|---|---|---|
| 4 | Black | 7 |
| 6 | Shield (Bare) NC | |
| 7 | Red | 3 |
| 8 | Orange | 23 |
| 5 | Yellow | 17 |
| 1 | White | 13 |
| 2 | Green | 18 |
| 3 | Brown | 11 |
| | | 25 |

## Cable Wiring

**Notes:**

*The following internal radio jumpers must be set to configure the mic audio and RX audio on the DB-25 accessory connector*

### VX-4000

| | | |
|---|---|---|
| JP2007 | Low Speed Data In | Closed |
| JP2006 | Hi Speed Data In | Open |
| JP2005 | Low Speed Data Out | Closed |
| JP2004 | Hi Speed Data Out | Open |

### VX-5500

| | | |
|---|---|---|
| JP2006 | Low Speed Data In | Closed |
| JP2005 | Hi Speed Data In | Open |
| JP2004 | Low Speed Data Out | Closed |
| JP2003 | Hi Speed Data Out | Open |

### VX-6000

| | | |
|---|---|---|
| JP2006 | Low Speed Data In | Closed |
| JP2005 | Hi Speed Data In | Open |
| JP2004 | Low Speed Data Out | Closed |
| JP2003 | Hi Speed Data Out | Open |

*These are "solder" type jumpers and are located on the main pc board.*