

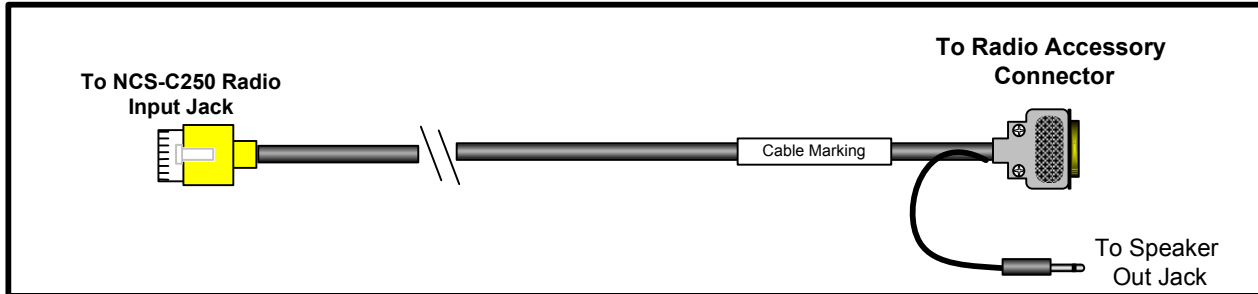
# Radio Interface Cable

For NCS-C250 Mobile Multi-Switcher

NCS Model Number  
**NCS-250-VDA-XX**

**Compatible Radios:**

<b>VX-2100</b>	<b>VX-4107</b>	<b>VX-4204</b>	<b>VX-4600</b>	<b>EVX-5300</b>
<b>VX-2200</b>	<b>VX4200</b>	<b>VX-4207</b>	<b>VX-7100</b>	
<b>VX-4104</b>	<b>VX-4202</b>	<b>VX-4500</b>	<b>VX-7200</b>	



### 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**

### Cable Wiring

The wiring diagram shows the following connections between the RJ-45 connector (pins 4, 6, 7, 8, 5, 1, 2, 3) and the DB-15 connector (pins 15, 12, 11, 1, 3, 6):

- RJ-45 Pin 4 (Black) to DB-15 Pin 15
- RJ-45 Pin 6 (Shield/Bare) to DB-15 Pin 15 (NC)
- RJ-45 Pin 7 (Red) to DB-15 Pin 12
- RJ-45 Pin 8 (Orange) to DB-15 Pin 11
- RJ-45 Pin 5 (Yellow) to DB-15 Pin 1
- RJ-45 Pin 1 (White) to DB-15 Pin 1 (with resistor R1)
- RJ-45 Pin 2 (Green) to DB-15 Pin 3 (with resistor R2)
- RJ-45 Pin 3 (Brown) to DB-15 Pin 6

3.5mm Mono Phone Plug

**Notes for use with VX-2200/VX-4104/VX-4107/VX-4204/VX-4207/VX-2100/VX-4200/VX4202:**

1. No radio modification required.
2. In the programming software program Pin 11 (ACC3) for "AF MUTE". This provides a COR signal on Pin 11 of the ACC connector.
3. In the programming software under COMMON/MISCELLANEOUS, Enable External PTT from the drop down menu.

**Notes for use with VX-7200:**

1. No radio modification required.
2. In the programming software under COMMON/DSUB-15 program pin 11 (ACC3) for "BUSY". This provides a COR signal on pin 11 of the ACC connector for both analog and digital modes.
3. In the programming software under COMMON/MISCELLANEOUS Enable External PTT from the drop down menu.

**Notes for Use with VX-4500/VX-4600/EVX-5300:**

1. No radio modification required.
2. In the programming software (CE115) under COMMON/DSUB-15 program pin 11 (ACC3) for "BUSY". This provides a COR signal on pin 11 of the ACC connector for both analog and digital modes.
3. In the programming software under COMMON/MISCELLANEOUS Enable External PTT from the drop down menu.