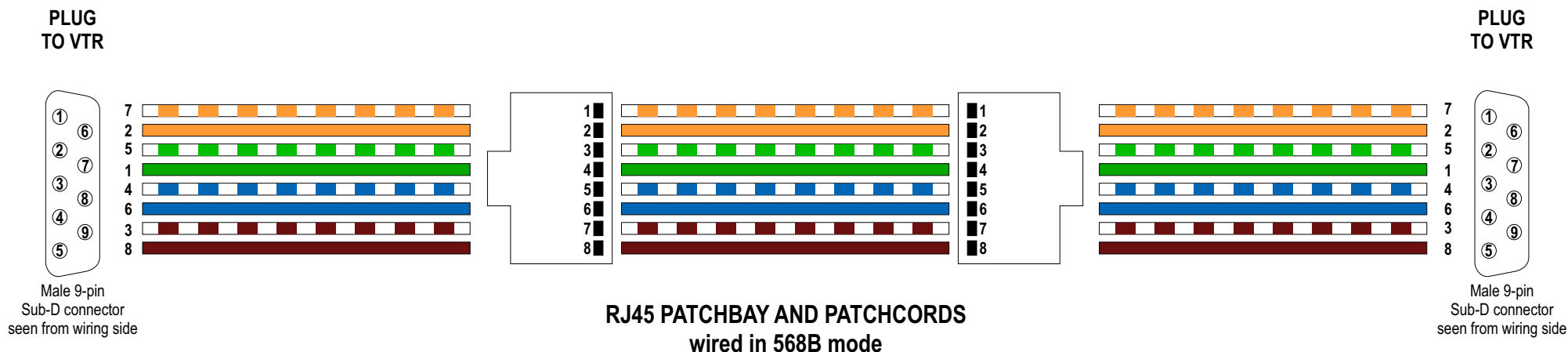
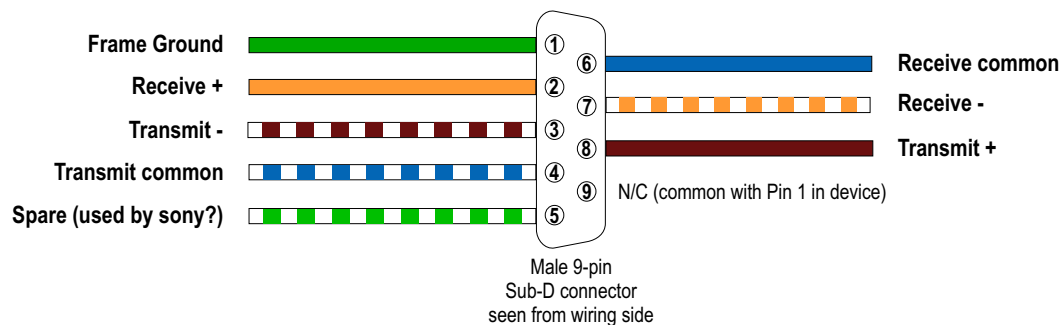


## Wiring diagram for interconnection of VTR and Edit controller RS-422 serial communications via RJ45 patchfield using Cat 5e cable



### RS-422 Standard 9-pin connections

PIN	CONTROLLER	DEVICE
1	Frame Ground	Frame Ground
2	Receive +	Transmit +
3	Transmit -	Receive -
4	Transmit common	Receive common
5	Spare (used by sony?)	Spare (used by sony?)
6	Receive common	Transmit common
7	Receive -	Transmit -
8	Transmit +	Receive +
9	Frame Ground Common with Pin 1 for 8 wire	Frame Ground Common with Pin 1 for 8 wire



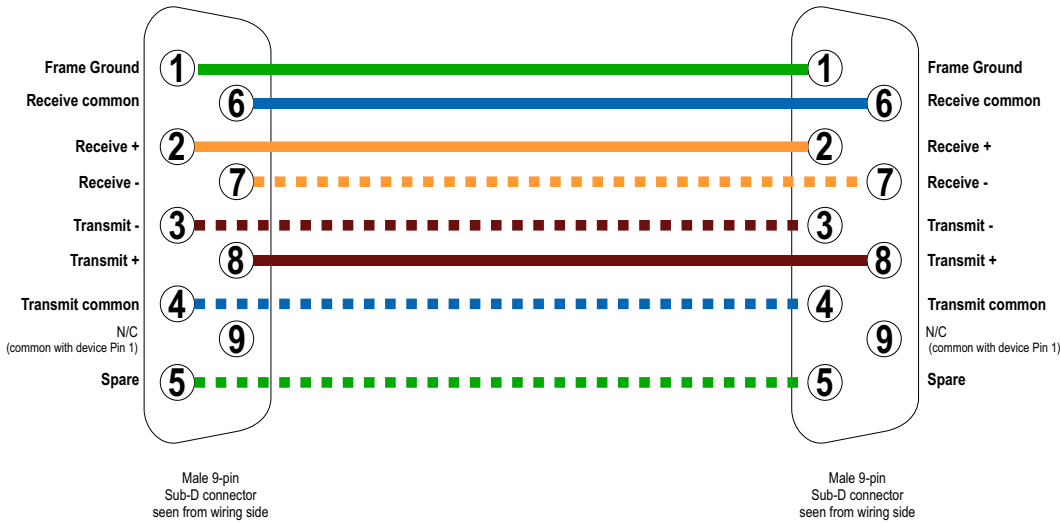
### Note:

According to the Sony standard, most compliant VTR's will interconnect using straight cables (1-1 etc), as the VTR's are able to software patch the transmit and receive pairs. Such connections can be accomplished using standard "normal" patchcords wired to the 568B-568B method.

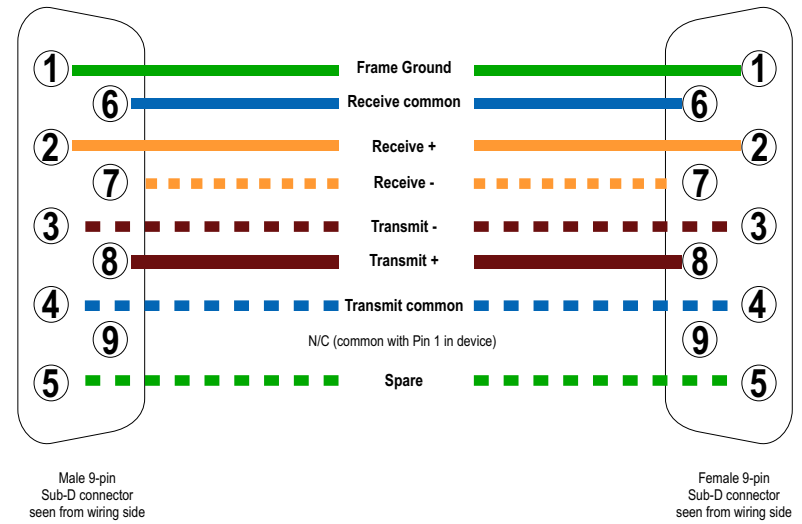
But to ensure compatibility with the RS-422 standard shown in table to the left, a wiring arrangement must be chosen that allows for standard "crossed" patchcords wired to the 568B-568A-e method to be used.

# SERIAL CONTROL CABLE CONNECTIONS FOR VTR's

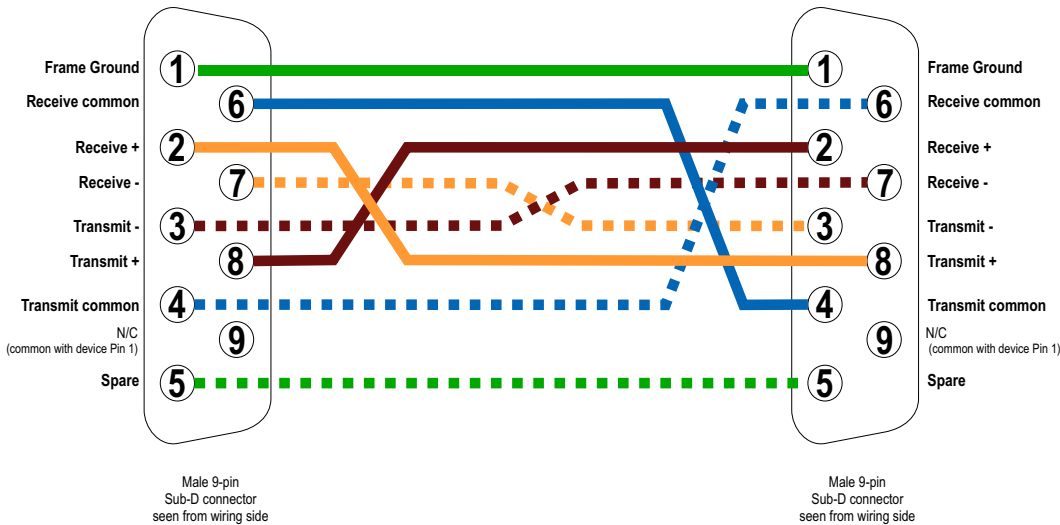
## RS-422 STRAIGHT - MALE TO MALE



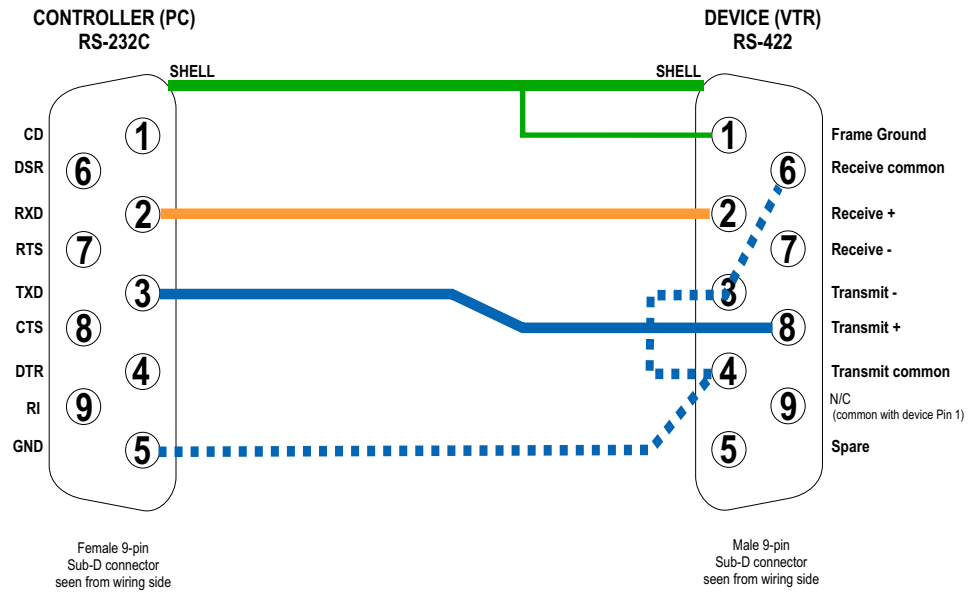
## RS-422 EXTENSION CABLE - MALE TO FEMALE



## RS-422 CROSSOVER CABLE - MALE TO MALE



## RS-232C TO RS-422 CONTROL CABLE - MALE TO MALE



Note: Most Sony 9-Pin compliant devices can be interconnected using a straight cable