RTS / Telex ADAM Systems
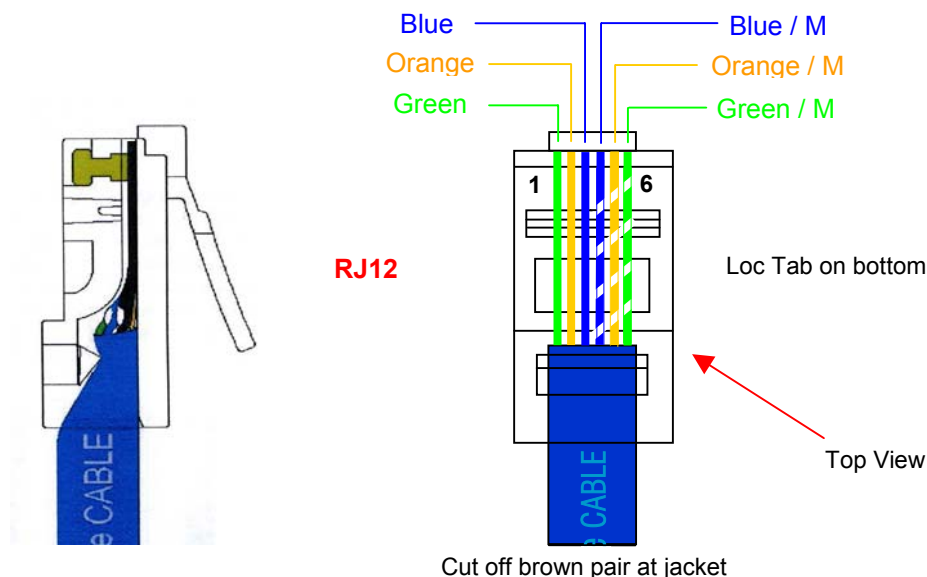
Standard Frame & Panel Interconnect Cable
Using USOC Wiring Reference

(USOC Based Wiring Diagram)
CAT-5E Cable / RJ12 (8 pin) Modular Connector

The colors below do not strictly conform to the exact USOC standard for color code but is depicted "as is" for proper connector pin *vs.* signal pairing. The important factor concerning the RTS application of connector termination is to maintain the integrity of the pairing relationship with respect to signal type, i.e. never split signal pairs. Also **DO NOT** use the flat, "*silver satin*", Telco cable.

Cable Type: Belden 1583A (CAT5) Datatwist or equiv.

Blue — Blue / M
Orange — Orange / M
Green — Green / M

RJ12

1   6

Loc Tab on bottom

Top View

Cut off brown pair at jacket

PAIRING ORDER

PINS	SIGNAL	PINS	SIGNAL
1	DATA -	6	DATA +
2	AUDIO FROM MATRIX +	5	AUDIO FROM MATRIX -
3	AUDIO TO MATRIX +	4	AUDIO TO MATRIX -

* each end wired identically

Recommended connector & Tools:
EZ-RJ12 Connector (Platinum Tools # 100026 C (50 ea) [use LT suffix for long tab ver]
EZ-RJPRO Combo RJ45/12 Crimp / Cutter Tool (Platinum Tools # 100044)
Replacement blades: RJ12/11 # 100044BL , RJ45: # 100004BL

RJ45 shown as example only