


J1 Pin No	Wire Color from J1	Signal Description	Terminate To	Assembly Notes
5	YEL	ERX-	J2-6, GRN	Pre-moulded shielded FTP Ethernet cable to be used for J2 and joined to wired from J1 in centre joint. Part should be selected with similar look to that of cable from J1.
6	GRN	ERX+	J2-3, W/GRN	
7	BLU	ETX-	J2-2, ORG	
8	VIO	ETX+	J2-1, W/ORG	
1	BLK	Supply +	J3-1, RED	2 core 7/32 shielded cable to be terminated to J1 wires at centre join. Must have red and black insulation on inner cores (Red for Supply +) and outer insulation to have similar look to the cable from J1. Outer insulation to be stripped back 25 mm from end and shield to be stripped back 15 mm.
2	BRN		J3-2, BLK	
14	W/ORG	Supply -		Signal wires from J1 should be left intact at the centre point and cut at the length specified from the centre point.
15	W/YEL			
3	RED	CAN+ (ISO)/RS232 Rx	J4	
4	ORG	CAN- (ISO)/RS232 Tx		
11	W/BLK	Signal Ground (ISO)		
12	W/BRN	PPS (ISO)		
13	W/RED	Signal Ground		
9	GRY	I/O Signal 2		
10	WHT	I/O Signal 1		
Shield	Braid	Earth		

Notes:

- This cable is suitable for both the AV200 and xNAV650 products
 - In the AV200 J1-5&6 will be isolated CAN referenced to the isolated signal ground on J1-13, the PPS signal on J1-12 will also be referenced to the isolated signal ground.
 - In the xNAV650 J1 5&6 will be a serial port and there will be no isolation of any signals or grounds.

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TITLE: AV200/xNAV650 Minimal User Cable	
DIMENSIONS: mm DRAWING NOT TO SCALE	DRAWING No: 14M0222
SHEET 1 OF 1	DRAWING REVISION: C