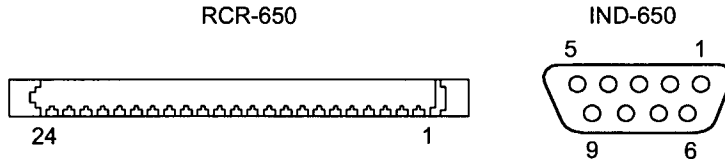


ADF

COLLINS

RCR-650/ IND 650

Connector



RCR-650		IND-650		Notes
Circuit	Pin #	Circuit	Pin #	
- COS BEARING	9	.....	4	
- SIN BEARING	12	.....	2	Note 1
+ 10 VDC TEST POINT	16			
+ 14 VDC POWER INPUT	24			
+ COS BEARING	11	.....	1	
+SIN BEARING.....	10	.....	5	Note 1
500 OHM ADF AUDIO HI.....	7	DIMMER	6	Note 2
500 OHM ADF AUDIO LO.....	8	DIMMER	7	Note 2
GROUND	1	GROUND.....	8	
GROUND	13			
GROUND	14			
GROUND	15			
GROUND	17			
GROUND	19			
GROUND	21			
GROUND	23			
GROUND	4			
INSTR DIMMER.....	2			Note 2
INSTR DIMMER.....	3			Note 2
N/C.....	5			

(Continued)

For familiarization only. Consult the manufacturers current data.

(RCR-650/IND-650 Continued)

N/C.....	6
SENSE ANTENNA.....	18
X LOOP ANTENNA.....	22
Y LOOP ANTENNA.....	20

Notes

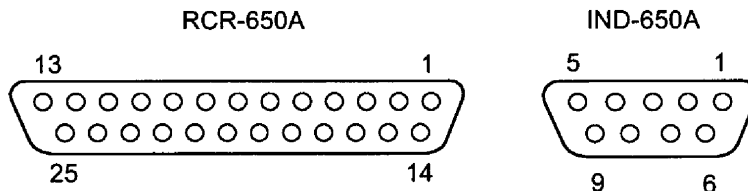
1. For top mount antenna, reverse 2 and 5.
2. For 14 volts, 7 and 3 to Dimmer, 6 and 2 to ground. For 28 volts, 6 and 2 to Dimmer, 7 and 3 open.

ADF

COLLINS

RCR-650A / IND 650A

Connector



RCR-650A		IND-650A		Notes
Circuit	Pin #	Circuit	Pin #	
- COS BEARING	15	.....	4	
- SIN BEARING	14	.....	2	Note 1
+ COS BEARING	3	.....	1	
+ SIN BEARING	16	.....	5	Note 1
10 V TEST POINT	22	DIMMER	6	Note 2
14V INPUT	25			Note 3
500 OHM ADF AUDIO HI	24	DIMMER	7	Note 2
500 OHM ADF AUDIO LO	23	GROUND	8	
AGC TEST POINT	21			
GROUND	11			
GROUND	19			
INSTR DIMMER	18			Note 4
INSTR DIMMER	20			Note 4
N/C	1			
N/C	10			
N/C	17			
N/C	2			
N/C	4			

(Continued)

For familiarization only. Consult the manufacturers current data.

(RCR-650A/IND-650A Continued)

N/C.....	5	
N/C.....	6	
N/C.....	7	
N/C.....	8	
N/C.....	9	
POWER IN.....	12	Note 3
SWITCHED POWER OUT	13	Note 3

Notes

1. Top mount ant, reverse 2 and 5.
2. For 14 volts, 7 to Dimmer, 6 to ground. For 28 volts, 6 to Dimmer, 7 open.
3. For 14 volts, power in 12, jumper 13 and 25. For 28 volts, power in 12, 28 volts out 13 to voltage converter, 14 volts in 25.
4. For 14 volts, 18 to Dimmer, 20 ground. For 28 volts, 20 to Dimmer, 18 open.