

# Rug-Rel Components & Systems Pvt Ltd



## IN VEHICLE CREW CONSOLE - External WireList

DATE : 24/04/2024  
 PROJECT CODE : DP/231  
 PROJECT NAME : IN VEHICLE CREW CONSOLE  
 REVISION : 1.0  
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Sl.no	From	Legend	To	Legrnd	Signal Name	PTFE Wire	Colour	Description	Remarks
1	J1_A	J1	O LUG	+28V_DC_IN	+28V	22AWG	RED		
2	J1_B					22AWG			
3	J1_C		O LUG	28V_RTN	28V_RTN	22AWG	BLACK		
4	J1_D					22AWG			
5	J1_E		O LUG	EARTH	EARTH	22AWG	GREEN		
6	J2_1	J2	Standard RJ45 jack	MB_LAN1	ETH1_DA+	STD Ethernet cable to be used	ETH1		
7	J2_2				ETH1_DA-				
8	J2_3				ETH1_DB+				
9	J2_4				ETH1_DC+				
10	J2_5				ETH1_DC-				
11	J2_6				ETH1_DB-				
12	J2_7				ETH1_DD+				
13	J2_8				ETH1_DD-				
14	J3_1	J3	Standard RJ45 jack	MB_LAN2	ETH2_DA+	STD Ethernet cable to be used	ETH2		
15	J3_2				ETH2_DA-				
16	J3_3				ETH2_DB+				
17	J3_4				ETH2_DC+				
18	J3_5				ETH2_DC-				
19	J3_6				ETH2_DB-				
20	J3_7				ETH2_DD+				
21	J3_8				ETH2_DD-				
22	J4_1	J4	DB9_2	COM3	RS422_TX+ 1	RS422 twisted cable to be used	WHITE	RS422	
23	J4_2		DB9_1		RS422_TX- 1		BROWN		
24	J4_3		DB9_3		RS422_RX+ 1		BLACK		
25	J4_4		DB9_4		RS422_RX- 1		WHITE		
26	J6	J6	Standard USB 3.0	USB 1	USB_VCC	J5	RED	STD USB CONNECTOR	
27					USB_D-		WHITE		
28					USB_D+		GREEN		
29					USB_GND		BLACK		
30	J7	J7	Standard USB 3.0	USB 2	USB_VCC	J6	RED	STD USB CONNECTOR	
31					USB_D-		WHITE		
32					USB_D+		GREEN		
33					USB_GND		BLACK		
34	J5_1		DB9_3		RS232_TX	RS232	WHITE		

35	J5_2	J5	DB9_2	COM1	RS232_RX	twisted cable to be used	GREEN	RS232	
36	J5_3		DB9_5		GND		BLUE		