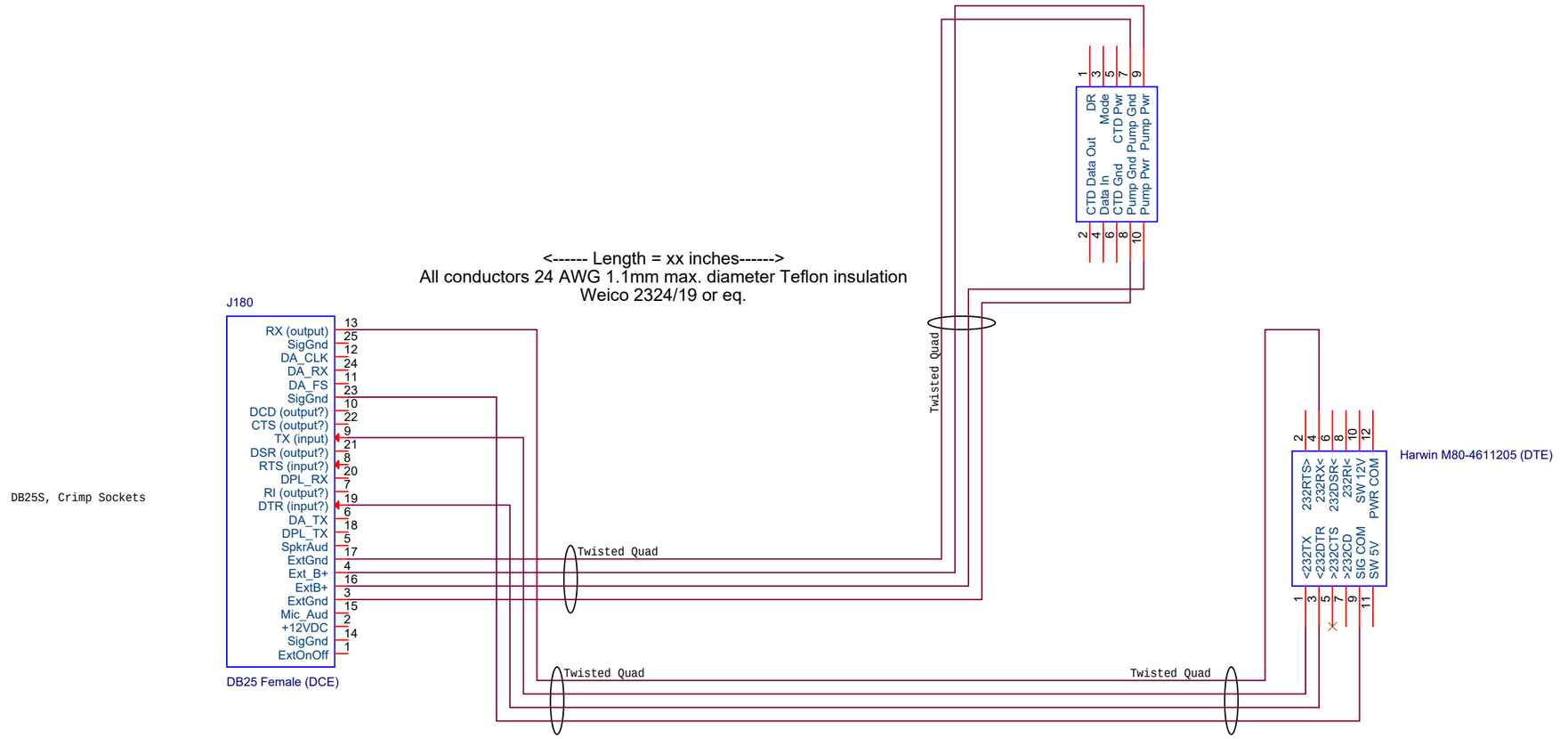

Label: WH-Iridium
Modem to Slot 2-J2, J3, J4

PIN #	SIGNAL	DESCRIPTION	INTERFACE
1	EXT_ON_OFF	Power on/off control input	DC Power
2	+12VDC	Output Voltage to Power the DPL Handset	DC Power
3	EXT_GND	External GND input	DC Power
4	EXT_B+	External 4.0V – 5.5V or 5.0V – 32.0V	DC Power
5	SPKR_AUD	Speaker audio output	Analog Audio
6	DA_TX	PCM digital audio output	Digital Audio
7	RI	RS232 Ring Indicate	RS232 Data
8	RTS	RS232 Request To Send	RS232 Data
9	TX	RS232 Transmit Data (Input)	RS232 Data
10	DCD	RS232 Data Carrier Detect	RS232 Data
11	DA_FS	PCM digital audio frame sync output	Digital Audio
12	DA_CLK	PCM digital 2.048MHz audio clock output	Digital Audio
13	RX	RS232 Receive Data (Output)	RS232 Data
14	SIGNAL GND	Signal ground, 0V signal reference and return	GND
15	MIC_AUD	Microphone audio input	Analog Audio
16	EXT_B+	External 4.0V – 5.5V or 5.0V – 32.0V	DC Power
17	EXT_GND	External GND input	DC Power
18	DPL_TX	Digital Peripheral Link (DPL) data output	DPL UART
19	DTR	RS232 Data Terminal Ready	RS232 Data
20	DPL_RX	Digital Peripheral Link (DPL) data input	DPL UART
21	DSR	RS232 Data Set Ready	RS232 Data
22	CTS	RS232 Clear To Send	RS232 Data
23	SIGNAL GND	Signal ground, 0V signal reference and return	GND
24	DA_RX	PCM digital audio input	Digital Audio
25	SIGNAL GND	Signal ground, 0V signal reference and return	GND

Circuit			Direction		DB-25 pin
Name	Typical purpose	Abbreviation	DTE	DCE	
Data Terminal Ready	DTE is ready to receive, initiate, or continue a call.	DTR	out	in	20
Data Carrier Detect	DCE is receiving a carrier from a remote DCE.	DCD	in	out	8
Data Set Ready	DCE is ready to receive and send data.	DSR	in	out	6
Ring Indicator	DCE has detected an incoming ring signal on the telephone line.	RI	in	out	22
Request To Send	DTE requests the DCE prepare to transmit data.	RTS	out	in	4
Ready To Receive	DTE is ready to receive data from DCE. If in use, RTS is assumed to be always asserted.	RTR	out	in	4
Clear To Send	DCE is ready to accept data from the DTE.	CTS	in	out	5
Transmitted Data	Carries data from DTE to DCE.	TxD	out	in	2
Received Data	Carries data from DCE to DTE.	RxD	in	out	3
Common Ground	Zero voltage reference for all of the above.	GND	common		7
Protective Ground	Connected to chassis ground.	PG	common		1

Title	WH-IRIDIUM COMMS	
Size B	Document Number <Doc>	Rev <RevCode>
Date: Wednesday, April 17, 2019	Sheet 1 of 1	