

Cable Specifications

Cable	Label	Connect 1	Wire Type	Connect 2	Description	Length (Feet)
W1	W1-1	DT06-2S	16/2	DT06-2S	GLV Charger	3
	W1-2	DT06-2S	16/2	DT06-2S	GLV Power Supply	3
	W1-3	DT06-2S	16/2	DT06-2S	GLV Battery	3
W2	W2-1	DT06-3S	16/3	Crimp Conn	GLV/SCADA to Cockpit	7
W3	W3-1	DT06-2S	16/3	Crimp Conn	GLV/SCADA to Left Side	7
W6	W6-1	DT06-4S	16/4	DT06-4S	Pack 1 to TSI	5
	W6-2	DT06-4S	16/4	DT06-4S	Pack 1 to Pack 2	1
	W6-3	DT06-4S	16/4	DT06-4S	Pack 2 to Pack 3	5

	W6-4	DT06-4S	16/4	DT06-4S	Pack 3 to Pack 4	1
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	W6-5	DT06-4S	16/4	DT06-4S	TSI to Cooling Controller	4
	W6-6	DT06-4S	16/4	DT06-4S	GLV/SCADA to Cooling Controller	4
W7	W7-1	DT06-4S	16/1	None (single connector with resistor)	Pack 4	N/A (loopback with resistor)
W11	W11-1	3/8 Ring	Champlain 2/0 shielded battery	3/8 Ring	Motor Controller to Motor	3
	W11-2	3/8 Ring	Champlain 2/0 shielded battery	3/8 Ring	Motor Controller to Motor	3
	W11-3	3/8 Ring	Champlain 2/0 shielded battery	3/8 Ring	Motor Controller to Motor	3

	W11-4	3/8 Ring	Champlain 2/0 shielded battery	3/8 Ring	TSI to Motor Controller	3
	W11-5	3/8 Ring	Champlain 2/0 shielded battery	3/8 Ring	TSI to Motor Controller	3

W12	W12-1	3/8 Ring	Champlain 3/0 shielded battery	Amphenol Powerlok PL28W-301-70	Pack 1 to TSI	5'6"
	W12-2	Amphenol Powerlok PL28X-301-70	Champlain 3/0 shielded battery	Amphenol Powerlok PL28W-301-70	Pack 1 to Pack 2	3'6"
	W12-3	Amphenol Powerlok PL28X-301-70	Champlain 3/0 shielded battery	Amphenol Powerlok PL28W-301-70	Pack 2 to Pack 3	8'2"
	W12-4	Amphenol Powerlok PL28X-301-70	Champlain 3/0 shielded battery	Amphenol Powerlok PL28W-301-70	Pack 3 to Pack 4	3'6"

W13	W13-1	3/8 Ring	Champlain 3/0 shielded batter	Amphenol Powerlok PL28X-301-70	Pack 4 to TSI(Pack half)	5'6"
W18	W18-1	DT06-S2	16/2	37 pin D Conn	GLV/SCADA to TSV Power Supply	6
W20	W20-1	USB	USB	USB	Cockpit to GLV/SCADA	10

W21	W21-1	DT06-12SA	16/10 & 20/2 CanBus	35 Pin Motor Controller Conn	TSI to Motor Controller	3'6"
W22	W22-1	DT06-12SA	16/12	Crimp Conn	Cockpit to GLV/SCADA	7
W23	W23-1	DT06-8SA	Four 16/2	8/32 ring	TSI to TSALs/RTDS/BL	7 each
W24	W24-1	DT06-12SA	16/12	Misc TBD	TSI to Foot Pedals	9

W25	W25-1	DT06-8SA	16/8	Tab connectors	TSI to Cockpit	8
W26	W26-1	DT06-6S	22/6	35 Pin Motor Controller conn	Motor Controller to Motor	3
W28	W28-1	DT06-2S	16/2	8/32 Ring	GLV/SCADA to TS Energized Light	5
W31	W31-1	DT06-6S	20/3 and 12/3	DT06-6S	Pack 1 to Pack 2	1
	W31-2	DT06-6S	20/3 and 12/3	DT06-6S	Pack 1 to TSI	5

	W31-3	DT06-6S	20/3 and 12/3	DT06-6S	Pack 2 to Pack 3	5
	W31-4	DT06-6S	20/3 and 12/3	DT06-6S	Pack 3 to Pack 4	1
	W31-5	DT06-6S	20/3 and 12/3	DT06-6S	TSI to Huff	8
	W31-6	DT06-6S	20/3 and 12/3	DT06-6S	Huff to Cooling	10

	W31-7	DT06-6S	20/3 and 12/3	DT06-6S	Cooling to GLV/SCADA	3
W32	W32-1	DT06-6S	120 ohm resistor	None (single connector with resistor)	Pack 4	N/A (Loopback with resistor)
W33	W33-1	DT06-6S	16/6	Crimp Conn	GLV/SCADA to Right Side	3
W34	W34-1	8/32 Ring	1-Dec	8/32 Ring	GLV/SCADA Chassis GND	3
W35	W35-1	DT06-3S	3- 16/1	DT06-3S	TSI to GLV/SCADA	3
W36	W36-1	DT06-6S	16/6	Crimp Conn	Motor to GLV/SCADA	3