

Wiretable	Wire	To	From	Wire Assembly	Individual Wire	AWG	Pre solder to Gauges		Post Solder		Resistance in salt Water	Conductivity in salt water (Pass/Fail)
							Plug to Wire End Resistance(Ω)	Plug pin to Pin Conductivity	Resistance(Ω)	Proper Placement		
	1	JP1-1	SG11	1	NO	26	0.2	No		1000	yes	
	2	JP1-2	SG11/SG12	1	NO	26	0.2	No		1000	yes	
	3	JP1-3	SG12	1	NO	26	0.2	No		1000	yes	
	4	JP1-2	Cable Shield	1	NO	26	N/A	N/A	N/A		N/A	
	5	JP1-5	SG21	2	NO	26	0.2	No				
	6	JP1-6	SG21/SG22	2	NO	26	0.2	No				
	7	JP2-7	SG22	2	NO	26	0.2	No				
	8	JP1-6	Cable Shield	2	NO	26	N/A	N/A	N/A		N/A	
	9	JP2-1	SG31	3	NO	26	0.2	No				
	10	JP2-2	SG31/SG32	3	NO	26	0.2	No				
	11	JP2-3	SG32	3	NO	26	0.2	No				
	12	JP2-3	Cable Shield	3	NO	26	N/A	N/A	N/A		N/A	
	13	JP2-5	SG41	4	NO	26	0.2	No				
	14	JP2-6	SG41/SG42	4	NO	26	0.2	No				
	15	JP2-7	SG42	4	NO	26	0.2	No				
	16	JP2-6	Cable Shield	4	NO	26	N/A	N/A	N/A		N/A	
	17	TB1/15-2	JR1-1	5	NO	26	0.2	No				
	18	TB1/15-4	JR1-2	5	NO	26	0.2	No				
	19	TB1/15-3	JR1-3	5	NO	26	0.2	No				
	20	TB1/15-4	JR1-2	5	NO	26	N/A	N/A	N/A			
	21	TB1/15-7	JR1-5	6	NO	26	0.2	No				
	22	TB1/15-9	JR1-6	6	NO	26	0.2	No				
	23	TB1/15-8	JR1-7	6	NO	26	0.2	No				
	24	TB1/15-9	JR1-6	6	NO	26	N/A	N/A	N/A			
	25	TB1/15-12	JR2-1	7	NO	26	0.1	No				
	26	TB1/15-14	JR2-2	7	NO	26	0.2	No				
	27	TB1/15-13	JR2-3	7	NO	26	0.2	No				
	28	TB1/15-14	JR2-2	7	NO	26	N/A	N/A	N/A			
	29	TB16/30-17	JR2-5	8	NO	26	0.2	No				
	30	TB16/30-19	JR2-6	8	NO	26	0.2	No				
	31	TB16/30-18	JR2-7	8	NO	26	0.2	No				
	32	TB16/30-19	JR2-6	8	NO	26	N/A	N/A	N/A			