

# WIRE LIST FOR THE SHC68-NT-S CABLE

The SHC68-NT-S cable is constructed of 34 twisted pairs of wires as shown in the following table. Refer to [ni.com/manuals](http://ni.com/manuals) for the user manual for the DAQ device that you are using with the SHC68-NT-S cable. The device user manual shows which signals are paired and provides general information on custom cabling.

Pair	Pin	Color Main/Stripe
1	1	BROWN/BLUE
	35	BLUE/BROWN
2	2	BROWN/YELLOW
	36	YELLOW/BROWN
3	3	BROWN/ORANGE
	37	ORANGE/BROWN
4	4	BROWN/PINK
	38	PINK/BROWN
5	5	BROWN/GREEN
	39	GREEN/BROWN
6	6	BROWN/VIOLET
	40	VIOLET/BROWN
7	7	BROWN/GRAY
	41	GRAY/BROWN
8	8	TAN/GRAY
	42	GRAY/TAN
9	9	ORANGE/VIOLET
	43	VIOLET/ORANGE
10	10	ORANGE/BLUE
	44	BLUE/ORANGE
11	11	ORANGE/GREEN
	45	GREEN/ORANGE
12	12	ORANGE/YELLOW
	46	YELLOW/ORANGE

Pair	Pin	Color Main/Stripe
13	13	PINK/ORANGE
	47	ORANGE/PINK
14	14	PINK/YELLOW
	48	YELLOW/PINK
15	15	TAN/BROWN
	49	BROWN/TAN
16	16	TAN/PINK
	50	PINK/TAN
17	17	TAN/ORANGE
	51	ORANGE/TAN
18	18	TAN/GREEN
	52	GREEN/TAN
19	19	TAN/BLUE
	53	BLUE/TAN
20	20	TAN/YELLOW
	54	YELLOW/TAN
21	21	WHITE/YELLOW
	55	YELLOW/WHITE
22	22	WHITE/BLUE
	56	BLUE/WHITE
23	23	TAN/VIOLET
	57	VIOLET/TAN
24	24	WHITE/ORANGE
	58	ORANGE/WHITE

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<b>Pair</b>	<b>Pin</b>	<b>Color Main/Stripe</b>
25	25	WHITE/PINK
	59	PINK/WHITE
26	26	WHITE/GRAY
	60	GRAY/WHITE
27	27	WHITE/VIOLET
	61	VIOLET/WHITE
28	28	WHITE/TAN
	62	TAN/WHITE
29	29	WHITE/BROWN
	63	BROWN/WHITE
30	30	WHITE/GREEN
	64	GREEN/WHITE

<b>Pair</b>	<b>Pin</b>	<b>Color Main/Stripe</b>
31	31	PINK/BLUE
	65	BLUE/PINK
32	32	PINK/GREEN
	66	GREEN/PINK
33	33	PINK/VIOLET
	67	VIOLET/PINK
34	34	PINK/GRAY
	68	GRAY/PINK
—	SHELL	OUTER SHIELD/ CHASSIS GROUND

