NOTE TO USERS

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* 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.

The following table shows color coding for revision A through revision E cables. The cable revision can be determined by looking at the Manufacturing P/N printed on the cable. For example, 189041E-02 indicates revision E.

Pair	Pin	Color Main/Stripe	Pair	Pin	Color Main/Stripe
1	1	BROWN/BLUE	19	19	TAN/BLUE
	35	BLUE/BROWN		53	BLUE/TAN
2	2	BROWN/YELLOW	20	20	TAN/YELLOW
	36	YELLOW/BROWN		54	YELLOW/TAN
3	3	BROWN/ORANGE	21	21	WHITE/YELLOW
	37	ORANGE/BROWN		55	YELLOW/WHITE
4	4	BROWN/PINK	22	22	WHITE/BLUE
	38	PINK/BROWN		56	BLUE/WHITE
5	5	BROWN/GREEN	23	23	TAN/VIOLET
	39	GREEN/BROWN		57	VIOLET/TAN
6	6	BROWN/VIOLET	24	24	WHITE/ORANGE
	40	VIOLET/BROWN		58	ORANGE/WHITE
7	7	BROWN/GRAY	25	25	WHITE/PINK
	41	GRAY/BROWN		59	PINK/WHITE

Pair	Pin	Color Main/Stripe	Pair	Pin	Color Main/Stripe
8	8	TAN/GRAY	26	26	WHITE/GRAY
	42	GRAY/TAN		60	GRAY/WHITE
9	9	ORANGE/VIOLET	27	27	WHITE/VIOLET
	43	VIOLET/ORANGE		61	VIOLET/WHITE
10	10	ORANGE/BLUE	28	28	WHITE/TAN
	44	BLUE/ORANGE		62	TAN/WHITE
11	11	ORANGE/GREEN	29	29	WHITE/BROWN
	45	GREEN/ORANGE		63	BROWN/WHITE
12	12	ORANGE/YELLOW	30	30	WHITE/GREEN
	46	YELLOW/ORANGE		64	GREEN/WHITE
13	13	PINK/ORANGE	31	31	PINK/BLUE
	47	ORANGE/PINK		65	BLUE/PINK
14	14	PINK/YELLOW	32	32	PINK/GRREEN
	48	YELLOW/PINK		66	GREEN/PINK
15	15	TAN/BROWN	33	33	PINK/VIOLET
	49	BROWN/TAN		67	VIOLET/PINK
16	16	TAN/PINK	34	34	PINK/GRAY
	50	PINK/TAN		68	GRAY/PINK
17	17	TAN/ORANGE	—	SHELL	OUTER SHIELD/CHASSIS GROUND
	51	ORANGE/TAN			
18	18	TAN/GREEN			
	52	GREEN/TAN			

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