



WIRE LIST		
P1	CABLE	P2
PIN NO	COLOR CODE	PIN NO
34	WHITE/RED	34
68	RED/WHITE	68
67	WHITE/YELLOW	67
68	YELLOW/WHITE	68
32	WHITE/VIOLET	32
33	VIOLET/WHITE	33
66	WHITE/GRAY	66
33	GRAY/WHITE	33
31	WHITE/BROWN	31
65	BROWN/WHITE	65
64	WHITE/GREEN	64
65	GREEN/WHITE	65
29	WHITE/ORANGE	29
30	ORANGE/WHITE	30
63	WHITE/BLUE	63
30	BLUE/WHITE	30
28	WHITE/BLACK	28
62	BLACK/WHITE	62
61	RED/YELLOW	61
62	YELLOW/RED	62
26	RED/GRAY	26
27	GRAY/RED	27
60	RED/BROWN	60
27	BROWN/RED	27
25	RED/GREEN	25
59	GREEN/RED	59
58	RED/ORANGE	58
59	ORANGE/RED	59
23	RED/BLUE	23
24	BLUE/RED	24
57	RED/VIOLET	57
24	VIOLET/RED	24
22	RED/BLACK	22
55	BLACK/RED	55
21	VIOLET/YELLOW	21
55	YELLOW/VIOLET	55
54	VIOLET/GRAY	54
20	GRAY/VIOLET	20
53	VIOLET/BROWN	53
20	BROWN/VIOLET	20
52	VIOLET/GREEN	52
18	GREEN/VIOLET	18
51	VIOLET/ORANGE	51
18	ORANGE/VIOLET	18

WIRE LIST (CONT)		
P1	CABLE	P2
PIN NO	COLOR CODE	PIN NO
17	VIOLET/BLUE	17
50	BLUE/VIOLET	50
16	YELLOW/GRAY	16
50	GRAY/YELLOW	50
15	YELLOW/BROWN	15
49	BROWN/YELLOW	49
48	YELLOW/GREEN	48
49	GREEN/YELLOW	49
13	YELLOW/ORANGE	13
14	ORANGE/YELLOW	14
47	YELLOW/BLUE	47
14	BLUE/YELLOW	14
12	YELLOW/BLACK	12
46	BLACK/YELLOW	46
45	BLACK/GRAY	45
46	GRAY/BLACK	46
10	BLACK/BROWN	10
11	BROWN/BLACK	11
44	BLACK/GREEN	44
11	GREEN/BLACK	11
9	BLACK/ORANGE	9
42	BLUE/BLACK	42
8	BLACK/BLUE	8
42	ORANGE/BLACK	42
7	BROWN/GRAY	7
41	GRAY/BROWN	41
40	BROWN/GREEN	40
41	GREEN/BROWN	41
6	BROWN/ORANGE	6
39	ORANGE/BROWN	39
5	BROWN/BLUE	5
39	BLUE/BROWN	39
4	GRAY/GREEN	4
37	GREEN/GRAY	37
38	GRAY/BLUE	38
37	BLUE/GRAY	37
3	GREEN/ORANGE	3
36	ORANGE/GREEN	36
2	GREEN/BLUE	2
36	BLUE/GREEN	36
1	ORANGE/BLUE	1
-	BLUE/ORANGE	-
SHELL	OUTER SHIELD	SHELL

LENGTH	TOLERANCE
<2M	±5 CM
2 TO 5M	±10 CM
>5M	±15 CM

**CONDUCTOR SPECIFICATIONS:**

CONSTRUCTION: 43 TWISTED PAIRS WITH OVERALL SHIELD  
 CONDUCTOR: 30AWG 7/38 TIN PLATED COPPER, 0.30 [.012] DIAMETER  
 INSULATION: 0.20 [.008] OF POLYPROPYLENE, 0.71 [.028] DIAMETER  
 CABLE DIAMETER: 10.8 [.425]

1. REFER TO PRODUCT MANUAL ON NI.COM FOR MORE DETAILS.

NOTES: UNLESS OTHERWISE SPECIFIED.

METRIC UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]	CUSTOMER DRAWING	
	NI NI.COM AUSTIN, TEXAS	
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION	TITLE SH68F-68F-D1	
	SIZE D 7U296	CODE IDENT NO. MM/DD/YYYY 04/24/2023
SCALE: 1/1	SHEET 1 OF 1	