



BEND RADIUS: 12X CABLE DIAMETER
 CABLE DIAMETER: 7.6mm DIAMETER
 12(7.6) = 91.2mm BEND RADIUS

MINIMUM BEND RADIUS

1. REFER TO PRODUCT MANUAL ON NI.COM FOR MORE DETAILS.
 NOTES: UNLESS OTHERWISE SPECIFIED.

LENGTH	TOLERANCE
<2M	+5 CM/-0 CM
2 TO 5M	+10 CM/-0 CM
>5M	+15 CM/-0 CM

METRIC

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND [INCHES]	NI.COM AUSTIN, TEXAS
DO NOT SCALE DRAWING THIRD ANGLE PROJECTION	SIZE CODE IDENT NO. MM/DD/YYYY D 7U296 07/17/2023
	SCALE: 1/1 SHEET 1 OF 2

P1 WIRE LIST					
P0	COLOR MAIN/STRIPE	P1	TWISTED PAIR?	CABLE BUNDLE	
51	WHITE/BLUE	1	YES	YES	
50	BLUE/WHITE	2			
52	WHITE/ORANGE	3	YES		
49	ORANGE/WHITE	4			
53	WHITE/GREEN	5	YES		
48	GREEN/WHITE	6			
54	WHITE/BROWN	7	YES		
47	BROWN/WHITE	8			
55	WHITE/GRAY	9	YES		
46	GRAY/WHITE	10			
56	RED/BLUE	11	YES	YES	
45	BLUE/RED	12			
57	RED/ORANGE	13	YES		
44	ORANGE/RED	14			
58	RED/GREEN	15	YES		
43	GREEN/RED	16			
59	RED/BROWN	17	YES		
42	BROWN/RED	33			
60	RED/GRAY	32	YES		
41	GRAY/RED	31			
61	BLACK/BLUE	30	YES	YES	
40	BLUE/BLACK	29			
62	BLACK/ORANGE	28	YES		
39	ORANGE/BLACK	27			
63	BLACK/GREEN	26	YES		
38	GREEN/BLACK	25			
64	WHITE/BLUE	24	YES		YES
37	BLUE/WHITE	23			
65	WHITE/ORANGE	22	YES		
36	ORANGE/WHITE	21			
66	WHITE/GREEN	20	YES		
35	GREEN/WHITE	19			
67	WHITE/BROWN	18	YES		
34	BROWN/WHITE	34			
68	WHITE/GRAY	35	YES		
33	GRAY/WHITE	36			
69	RED/BLUE	37	YES	YES	
32	BLUE/RED	38			
70	RED/ORANGE	39	YES		
31	ORANGE/RED	40			
71	RED/GREEN	41	YES		
30	GREEN/RED	42			
72	RED/BROWN	43	YES		
29	BROWN/RED	44			
73	RED/GRAY	45	YES		
28	GRAY/RED	46			
74	BLACK/BLUE	47	YES	YES	
27	BLUE/BLACK	48			
75	BLACK/ORANGE	49	YES		
26	ORANGE/BLACK	50			

P2 WIRE LIST					
P0	COLOR MAIN/STRIPE	P2	TWISTED PAIR?	CABLE BUNDLE	
151	WHITE/BLUE	1	YES	YES	
150	BLUE/WHITE	2			
152	WHITE/ORANGE	3	YES		
149	ORANGE/WHITE	4			
153	WHITE/GREEN	5	YES		
148	GREEN/WHITE	6			
154	WHITE/BROWN	7	YES		
147	BROWN/WHITE	8			
155	WHITE/GRAY	9	YES		
146	GRAY/WHITE	10			
156	RED/BLUE	11	YES	YES	
145	BLUE/RED	12			
157	RED/ORANGE	13	YES		
144	ORANGE/RED	14			
158	RED/GREEN	15	YES		
143	GREEN/RED	16			
159	RED/BROWN	17	YES		
142	BROWN/RED	33			
160	RED/GRAY	32	YES		
141	GRAY/RED	31			
161	BLACK/BLUE	30	YES	YES	
140	BLUE/BLACK	29			
162	BLACK/ORANGE	28	YES		
139	ORANGE/BLACK	27			
163	BLACK/GREEN	26	YES		
138	GREEN/BLACK	25			
164	WHITE/BLUE	24	YES		YES
137	BLUE/WHITE	23			
165	WHITE/ORANGE	22	YES		
136	ORANGE/WHITE	21			
166	WHITE/GREEN	20	YES		
135	GREEN/WHITE	19			
167	WHITE/BROWN	18	YES		
134	BROWN/WHITE	34			
168	WHITE/GRAY	35	YES		
133	GRAY/WHITE	36			
169	RED/BLUE	37	YES	YES	
132	BLUE/RED	38			
170	RED/ORANGE	39	YES		
131	ORANGE/RED	40			
171	RED/GREEN	41	YES		
130	GREEN/RED	42			
172	RED/BROWN	43	YES		
129	BROWN/RED	44			
173	RED/GRAY	45	YES		
128	GRAY/RED	46			
174	BLACK/BLUE	47	YES	YES	
127	BLUE/BLACK	48			
175	BLACK/ORANGE	49	YES		
126	ORANGE/BLACK	50			

P3 WIRE LIST					
P0	COLOR MAIN/STRIPE	P3	TWISTED PAIR?	CABLE BUNDLE	
176	WHITE/BLUE	1	YES	YES	
125	BLUE/WHITE	2			
177	WHITE/ORANGE	3	YES		
124	ORANGE/WHITE	4			
178	WHITE/GREEN	5	YES		
123	GREEN/WHITE	6			
179	WHITE/BROWN	7	YES		
122	BROWN/WHITE	8			
180	WHITE/GRAY	9	YES		
121	GRAY/WHITE	10			
181	RED/BLUE	11	YES	YES	
120	BLUE/RED	12			
182	RED/ORANGE	13	YES		
119	ORANGE/RED	14			
183	RED/GREEN	15	YES		
118	GREEN/RED	16			
184	RED/BROWN	17	YES		
117	BROWN/RED	33			
185	RED/GRAY	32	YES		
116	GRAY/RED	31			
186	BLACK/BLUE	30	YES	YES	
115	BLUE/BLACK	29			
187	BLACK/ORANGE	28	YES		
114	ORANGE/BLACK	27			
188	BLACK/GREEN	26	YES		
113	GREEN/BLACK	25			
189	WHITE/BLUE	24	YES		YES
112	BLUE/WHITE	23			
190	WHITE/ORANGE	22	YES		
111	ORANGE/WHITE	21			
191	WHITE/GREEN	20	YES		
110	GREEN/WHITE	19			
192	WHITE/BROWN	18	YES		
109	BROWN/WHITE	34			
193	WHITE/GRAY	35	YES		
108	GRAY/WHITE	36			
194	RED/BLUE	37	YES	YES	
107	BLUE/RED	38			
195	RED/ORANGE	39	YES		
106	ORANGE/RED	40			
196	RED/GREEN	41	YES		
105	GREEN/RED	42			
197	RED/BROWN	43	YES		
104	BROWN/RED	44			
198	RED/GRAY	45	YES		
103	GRAY/RED	46			
199	BLACK/BLUE	47	YES	YES	
102	BLUE/BLACK	48			
200	BLACK/ORANGE	49	YES		
101	ORANGE/BLACK	50			

P4 WIRE LIST					
P0	COLOR MAIN/STRIPE	P4	TWISTED PAIR?	CABLE BUNDLE	
76	WHITE/BLUE	1	YES	YES	
25	BLUE/WHITE	2			
77	WHITE/ORANGE	3	YES		
24	ORANGE/WHITE	4			
78	WHITE/GREEN	5	YES		
23	GREEN/WHITE	6			
79	WHITE/BROWN	7	YES		
22	BROWN/WHITE	8			
80	WHITE/GRAY	9	YES		
21	GRAY/WHITE	10			
81	RED/BLUE	11	YES	YES	
20	BLUE/RED	12			
82	RED/ORANGE	13	YES		
19	ORANGE/RED	14			
83	RED/GREEN	15	YES		
18	GREEN/RED	16			
84	RED/BROWN	17	YES		
17	BROWN/RED	33			
85	RED/GRAY	32	YES		
16	GRAY/RED	31			
86	BLACK/BLUE	30	YES	YES	
15	BLUE/BLACK	29			
87	BLACK/ORANGE	28	YES		
14	ORANGE/BLACK	27			
88	BLACK/GREEN	26	YES		
13	GREEN/BLACK	25			
89	WHITE/BLUE	24	YES		YES
12	BLUE/WHITE	23			
90	WHITE/ORANGE	22	YES		
11	ORANGE/WHITE	21			
91	WHITE/GREEN	20	YES		
10	GREEN/WHITE	19			
92	WHITE/BROWN	18	YES		
9	BROWN/WHITE	34			
93	WHITE/GRAY	35	YES		
8	GRAY/WHITE	36			
94	RED/BLUE	37	YES	YES	
7	BLUE/RED	38			
95	RED/ORANGE	39	YES		
6	ORANGE/RED	40			
96	RED/GREEN	41	YES		
5	GREEN/RED	42			
97	RED/BROWN	43	YES		
4	BROWN/RED	44			
98	RED/GRAY	45	YES		
3	GRAY/RED	46			
99	BLACK/BLUE	47	YES	YES	
2	BLUE/BLACK	48			
100	BLACK/ORANGE	49	YES		
1	ORANGE/BLACK	50			

NOTE: WIRE LIST COLORS MAY NOT BE ACCURATE
AS RAW CABLE TYPE MAY BE CHANGED DURING PRODUCTION.