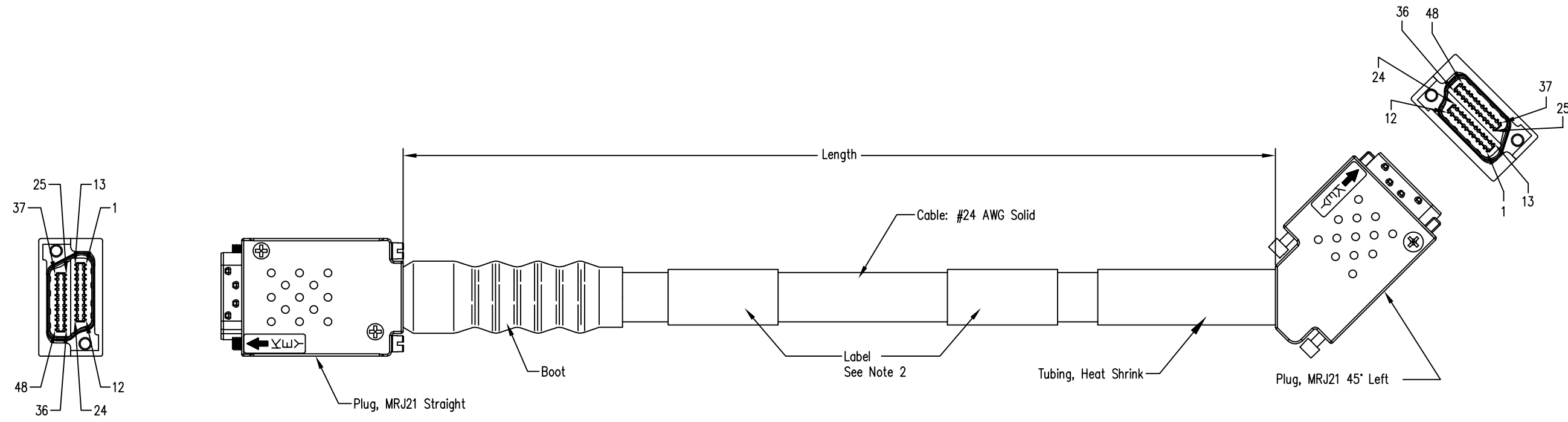


DATE	REV	ECN	APP'D. BY
3-18-15	A2	10282	SMN
9-08-20	B0	11607	JE



### Part Number Key

**MRJ xxxx DF-x**

- Mini RJ Family
- Length (m)  
xxx.x = 0.5m Thru 100.0m  
0.5m Increments
- End Configurations  
D = MRJ21 Plug, Straight  
F = MRJ21 Plug, 45° Left
- Cable Type  
A = White CMR UTP  
C = Grey CMP UTP

Cable Length = Meters [inches]	Tolerance = MM [inches]
0.5 [19.7] TO 2.5 [98.4]	+100 [3.90] / -0 [0.00]
3.0 [118] TO 9.5 [374]	+150 [5.91] / -0 [0.00]
10.0 [394] TO 19.5 [768]	+250 [9.84] / -0 [0.00]
20.0 [787] TO 49.5 [1949]	+350 [13.8] / -0 [0.00]
50.0 [1967] TO 69.5 [2736]	+500 [19.7] / -0 [0.00]
70.0 [2756] TO 100.0 [3937]	+1000 [39.4] / -0 [0.00]

Typical Part Numbers		
Part Number	Length Meters (inches)	Cable Type
MRJ0010DF-A	1.0 [39.37]	CMR
MRJ0010DF-C	1.0 [39.37]	CMP
MRJ0030DF-A	3.0 [118.1]	CMR
MRJ0030DF-C	3.0 [118.1]	CMP
MRJ0050DF-A	5.0 [196.9]	CMR
MRJ0050DF-C	5.0 [196.9]	CMP
MRJ0070DF-A	7.0 [275.6]	CMR
MRJ0070DF-C	7.0 [275.6]	CMP
MRJ0100DF-A	10.0 [393.7]	CMR
MRJ0100DF-C	10.0 [393.7]	CMP

For Part Numbers Not Shown  
Follow part Number Key Format

- Notes:
- Cable Assembly 100% Tested For Opens And Shorts [ 300 VDC Hipot ] And Wiring Diagram
  - Cables Greater Than 3 Meters Will Contain 2 Labels.
  - UL LISTED TO FILE #E132408.



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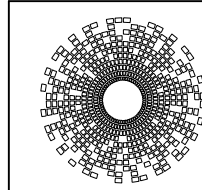
11118 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512  
<http://www.stewartconnector.com>

MRJ21 IS A TRADEMARK OF TE CONNECTIVITY USED HERE BY PERMISSION	THIRD ANGLE PROJECTION	TITLE Cable Assembly, Unshielded MRJ21 Straight Plug to MRJ21 45° Left Plug	
	Do Not Scale Drawing	DESIGNED BY KAC	DATE 06-08-10
This drawing and the subject matter shown thereon are confidential and the proprietary property of Stewart Connector and shall not be reproduced, copied, or used in any manner without prior written consent of Stewart Connector. The subject matter may be patented or a patent may be pending.	PART NUMBER See Part Number Key	DRAWN BY KAC	DATE 06-08-10
	DRAWING NUMBER CT210032	APPROVED BY DRI	DATE 06-09-10
		SHEET 1 of 2	SCALE None

MRJ21		MRJ21
1	WHT/BLU	1
2	BLU/WHT	2
13	WHT/ORG	13
14	ORG/WHT	14
3	WHT/GRN	3
4	GRN/WHT	4
15	WHT/BRN	15
16	BRN/WHT	16
25	WHT/GRY	25
26	GRY/WHT	26
37	RED/BLU	37
38	BLU/RED	38
27	RED/ORG	27
28	ORG/RED	28
39	RED/GRN	39
40	GRN/RED	40
5	RED/ BRN	5
6	BRN/RED	6
17	RED/GRY	17
18	GRY/RED	18
7	BLK/BLU	7
8	BLU/BLK	8
19	BLK/ORG	19
20	ORG/BLK	20

MRJ21		MRJ21
29	BLK/GRN	29
30	GRN/BLK	30
41	BLK/BRN	41
42	BRN/BLK	42
31	BLK/GRY	31
32	GRY/BLK	32
43	YEL/BLU	43
44	BLU/YEL	44
9	YEL/ORG	9
10	ORG/YEL	10
21	YEL/GRN	21
22	GRN/YEL	22
11	YEL/BRN	11
12	BRN/YEL	12
23	YEL/GRY	23
24	GRY/YEL	24
33	VIO/BLU	33
34	BLU/VIO	34
45	VIO/ORG	45
46	ORG/VIO	46
35	VIO/GRN	35
36	GRN/VIO	36
47	VIO/BRN	47
48	BRN/VIO	48

Wiring Pattern



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MRJ21 IS A TRADEMARK OF TE CONNECTIVITY USED HERE BY PERMISSION	THIRD ANGLE PROJECTION		TITLE Cable Assembly, Unshielded MRJ21 Straight Plug to MRJ21 45° Left Plug	
	Do Not Scale Drawing	PART NUMBER See Part Number Key	Dimensions Shown are subject to change without notice	
DRAWING NUMBER CT210032			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
	This drawing and the subject matter shown thereon are confidential and the proprietary property of Stewart Connector and shall not be reproduced, copied, or used in any manner without prior written consent of Stewart Connector. The subject matter may be patented or a patent may be pending.	ANGLES ± 1°	DESIGNED BY KAC	
2 PLC. DEC. ± .010"			DRAWN BY KAC	
	3 PLC. DEC. ± .003"	APPROVED BY DRI		DATE 06-09-10
	4 PLC. DEC. ± .0005"	SHEET 2 of 2	SCALE None	REV. B0

B

B

A

A