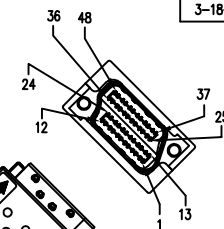
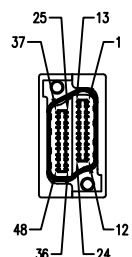
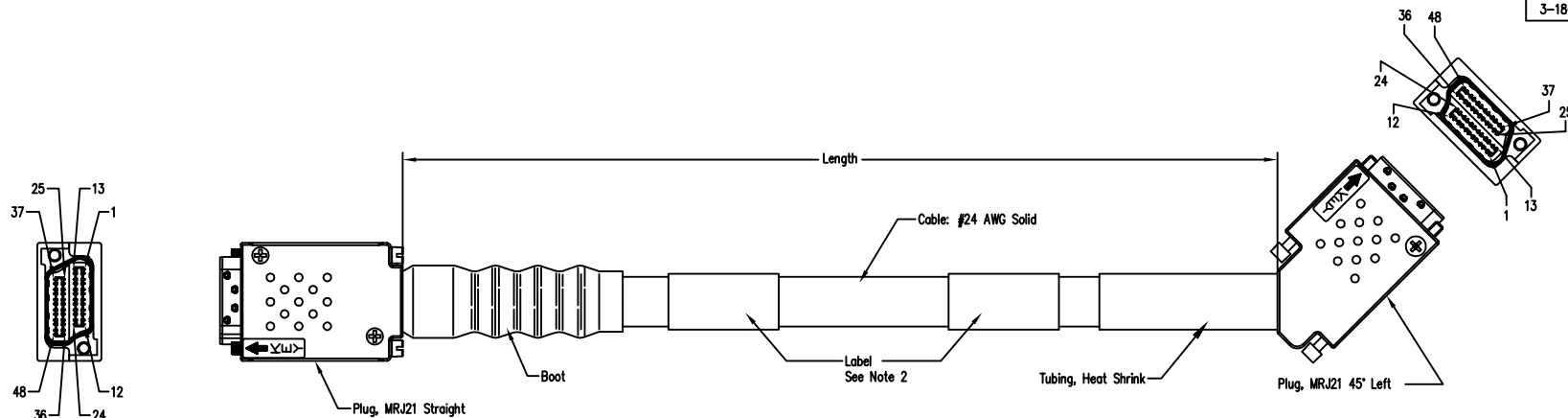
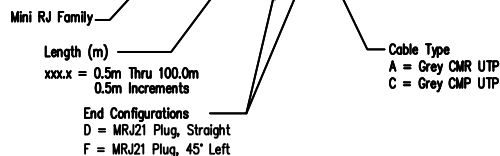


DATE	REV	EDN	APP'D. BY
4-17-13	A1	New Release, Drawing was CT999027	
3-18-15	A2	10282	SMN



Part Number Key

MRJ xxxx DF-x



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

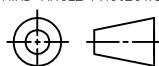
- Notes:
- Cable Assembly 100% Tested For Opens And Shorts [ 300 VDC Hipot ] And Wiring Diagram
  - Cables Greater Than 3 Meters Will Contain 2 Labels.
  - UL LISTED TO FILE #E132408.



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(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			
DESIGNED BY	KAC	DATE	06-08-10
DRAWN BY	KAC	DATE	06-08-10
APPROVED BY	DRI	DATE	06-09-10
SHEET	1 of 2	SCALE	None
REV.			A2

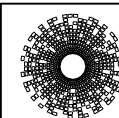
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PART NUMBER	See Part Number Key
DRAWING NUMBER	CT210032

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
ANGLES ± 1°  
2 PLC. DEC. ± .010°  
3 PLC. DEC. ± .003°  
4 PLC. DEC. ± .0005°

MRJ21		MRJ21		MRJ21		MRJ21		
1	— WHT/BLU —	1	29	— BLK/GRN —	29	30	— GRN/BLK —	30
2	— BLU/WHT —	2	41	— BLK/BRN —	41	42	— BRN/BLK —	42
13	— WHT/ORG —	13	31	— BLK/GRY —	31			
14	— ORG/WHT —	14	32	— GRY/BLK —	32			
3	— WHT/GRN —	3	43	— YEL/BLU —	43			
4	— GRN/WHT —	4	44	— BLU/YEL —	44			
15	— WHT/BRN —	15	9	— YEL/ORG —	9			
16	— BRN/WHT —	16	10	— ORG/YEL —	10			
25	— WHT/GRY —	25	21	— YEL/GRN —	21			
26	— GRY/WHT —	26	22	— GRN/YEL —	22			
37	— RED/BLU —	37	11	— YEL/BRN —	11			
38	— BLU/RED —	38	12	— BRN/YEL —	12			
27	— RED/ORG —	27	23	— YEL/GRY —	23			
28	— ORG/RED —	28	24	— GRY/YEL —	24			
39	— RED/GRN —	39	33	— VIO/BLU —	33			
40	— GRN/RED —	40	34	— BLU/VIO —	34			
5	— RED/ BRN —	5	45	— VIO/ORG —	45			
6	— BRN/RED —	6	46	— ORG/VIO —	46			
17	— RED/GRY —	17	35	— VIO/GRN —	35			
18	— GRY/RED —	18	36	— GRN/VIO —	36			
7	— BLK/BLU —	7	47	— VIO/BRN —	47			
8	— BLU/BLK —	8	48	— BRN/VIO —	48			
19	— BLK/ORG —	19						
20	— ORG/BLK —	20						

Wiring Pattern

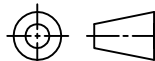


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OF TE CONNECTIVITY  
USED HERE BY PERMISSION

THIRD ANGLE PROJECTION



TITLE Cable Assembly, Unshielded  
MRJ21 Straight Plug to MRJ21 45° Left Plug

Dimensions Shown are subject to change without notice	DESIGNED BY KAC	DATE 06-08-10
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: ANGLES ± 1° 2 PLC. DEC. ± .010° 3 PLC. DEC. ± .003° 4 PLC. DEC. ± .0005°	DRAWN BY KAC	DATE 06-08-10
	APPROVED BY DRI	DATE 06-09-10
	SHEET 2 of 2	SCALE None
		REV. A2

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Do Not Scale Drawing  
PART NUMBER  
See Part Number Key  
DRAWING NUMBER  
CT210032