

B

A

ASSEMBLY FORMAT REV. 6/3/05

2

1

DATE	REV	ECN	APP'D. BY
4-30-15	A4	10319	SMN
9-08-20	B0	11607	JE

Wiring Pattern

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

B

A

TYPICAL PART NUMBERS		
PART NUMBER	LENGTH METERS [INCHES]	CABLE TYPE
MRJ0010DG-A	1.0 [39.37]	CMR
MRJ0010DG-C	1.0 [39.37]	CMP
MRJ0030DG-A	3.0 [118.1]	CMR
MRJ0030DG-C	3.0 [118.1]	CMP
MRJ0050DG-A	5.0 [196.9]	CMR
MRJ0050DG-C	5.0 [196.9]	CMP
MRJ0070DG-A	7.0 [275.6]	CMR
MRJ0070DG-C	7.0 [275.6]	CMP
MRJ0100DG-A	10.0 [393.7]	CMR
MRJ0100DG-C	10.0 [393.7]	CMP
FOR PART NUMBERS NOT SHOWN FOLLOW PART NUMBER KEY FORMAT		

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]

MRJ21 IS A TRADEMARK OF TE CONNECTIVITY USED HERE BY PERMISSION

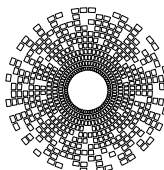
This drawing and the subject matter shown thereon are confidential and the proprietary property of Stewart Connector and shall not be reproduced, copied, or used in any manner without prior written consent of Stewart Connector. The subject matter may be patented or a patent may be pending.

THIRD ANGLE PROJECTION

Do Not Scale Drawing

PART NUMBER See Part Number Key

DRAWING NUMBER CT210042



stewart
CONNECTOR
a bel group

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

TITLE CABLE ASSEMBLY, UNSHIELDED MRJ21 STRAIGHT PLUG TO BLUNT			
Dimensions Shown are subject to change without notice		DESIGNED BY KAC	DATE 08-25-11
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 08-25-11
		APPROVED BY DRI	DATE 08-26-11
SHEET 1 OF 1		SCALE None	REV. B0