



PIN ASSIGNMENT		
P1	BLACK	P1
1	BROWN	2
2	RED	3
3	ORANGE	4
4	YELLOW	5
5	GREEN	6
6	BLUE	7
7	PURPLE	8
8	GRAY	9
9	WHITE	10
10	PINK	11
11	LIGHT/GREEN	12
12	RED/BLACK	13
13	ORANGE/BLACK	14
14	YELLOW/BLACK	15
15	GREEN/BLACK	16
16	BLUE/BLACK	17
17	PURPLE/BLACK	18
18	WHITE/BLACK	19
19	RED/WHITE	20
20	ORANGE/WHITE	21
21	GREEN/WHITE	22
22	BLUE/WHITE	23
23	PURPLE/WHITE	24
24	BROWN/WHITE	25
25	SHELL DRAIN	SHELL

**Material:**

- Cable: NOUL 28AWG\*25C+D+AL/MY
  - OD: 6.5MM
  - Color: Beige
- Connectors: DB 25 Pin Soder Type
  - Pin G/F
  - Shell: Ni-Plated
  - Insulator Color: Blue
- Inner Jacket: Clear LD-PE
- Outer Jacket: PVC 40P (Beige)
- Screw: #4-40UNC Type, Nickel Plated

**Electrical:**

- 100% Open short & mis wire test
- Contact Resistance: 5Ω Max.
- Insulation Resistance: 10Ω Min.
- Hi-Pot: 300V DC / 10MS

Scale	1:1						Name	Item No.
TOLERANCE						Drawn	11.14.11	<b>AK164-10-R</b>
X.X	±0.40					Approved	Chappell	
X.XX	±0.25							Title
X.XXX	±0.15							Serial / Parallel Connection Cable, 25 Pin Male <=> 25 Pin Male, 10 Meters
Angle	±3°							Drawing No.
								<b>rev00</b>
								Replace
								Sheet
		Modification	Date	Name				

