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Wire Connection

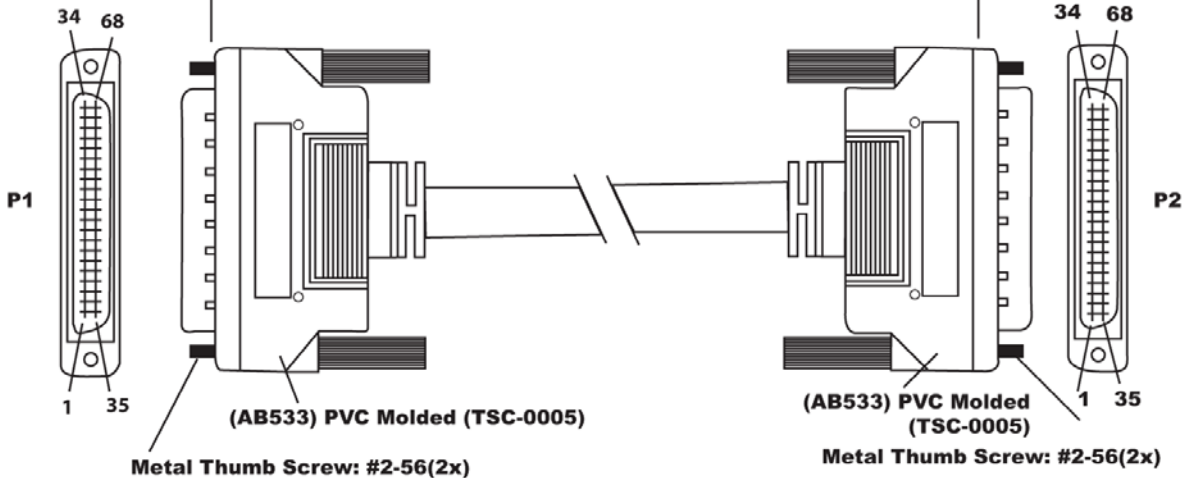
P1	Color	P2	P1	Color	P2
yellow 1	—	1	62	purple/blue	62purple/blue
yellow/black 35	—	35	29	purple/red	29purple/red
red 2	—	2	63	blue/red	63blue/red
red/black 36	— Pairs	36	30	light yellow/black	30light yellow/black
brown 3	—	3	64	yellow/white	64 yellow/white
brown/white 37	— Pairs	37	31	light yellow/blue	31 light yellow/blue
light blue 4	—	4	65	light yellow/blue	65 light yellow/blue
light blue/black 38	— Pairs	38	32	light yellow	32 light yellow
light blue/green 5	—	5	66	light yellow/red	66 light yellow/red
light blue/yellow 39	— Pairs	39	33	light brown	33 light brown
green 6	—	6	67	light brown/red	67 light brown/red
green/black 40	— Pairs	40	34	black	34 black
blue 7	—	7	68	black/white	68 black/white
blue/white 41	— Pairs	41	Shell	Shell	Shell
8	—	8	white	white	white
42	— Pairs	42	white/black	white/black	white/black
9	—	9	pink	pink	pink
43	— Pairs	43	pink/black	pink/black	pink/black
10	—	10	purple	purple	purple
44	— Pairs	44	purple/white	purple/white	purple/white
11	—	11	gray	gray	gray
45	— Pairs	45	gray/black	gray/black	gray/black
12	—	12	orange	orange	orange
46	— Pairs	46	orange/black	orange/black	orange/black
13	—	13	orange/white	orange/white	orange/white
47	—	47	pink/yellow	pink/yellow	pink/yellow
14	— Pairs	14	gray/green	gray/green	gray/green
48	—	48	gray/yellow	gray/yellow	gray/yellow
15	— Pairs	15	white/yellow	white/yellow	white/yellow
49	—	49	white/green	white/green	white/green
16	— Pairs	16	light green/red	light green/red	light green/red
50	—	50	green/blue	green/blue	green/blue
17	— Pairs	17	light blue/blue	light blue/blue	light blue/blue
51	—	51	light blue/red	light blue/red	light blue/red
18	— Pairs	18	pink/red	pink/red	pink/red
52	—	52	pink/blue	pink/blue	pink/blue
19	— Pairs	19	gray/red	gray/red	gray/red
53	—	53	gray/blue	gray/blue	gray/blue
20	—	20	green/white	green/white	green/white
54	— Pairs	54	light green/blue	light green/blue	light green/blue
21	—	21	yellow/red	yellow/red	yellow/red
55	— Pairs	55	yellow/blue	yellow/blue	yellow/blue
22	—	22	red/white	red/white	red/white
56	— Pairs	56	red/blue	red/blue	red/blue
23	—	23	white/red	white/red	white/red
57	— Pairs	57	white/blue	white/blue	white/blue
24	—	24	light green	light green	light green
58	— Pairs	58	light green/black	light green/black	light green/black
25	—	25	light green/yellow	light green/yellow	light green/yellow
59	— Pairs	59	light green/green	light green/green	light green/green
26	—	26	orange/white	orange/white	orange/white
60	—	60	gray/white	gray/white	gray/white
27	— Pairs	27	orange/green	orange/green	orange/green
61	—	61	orange/red	orange/red	orange/red
28	— Pairs	28	purple/green	purple/green	purple/green

Wire Connection

**HPDB 68P(M)
Plastic**

900±20mm

**HPDB 68P(M)
Plastic**




Material:

- Conductor: 28AWG, Tinned Copper, Cond. size 7/0.127±0.008MM
- Insulation: Minimum average thickness 0.10MM, PP (material), O.D. 0.62±0.05MM, N.O. 34P
- Foamed PP Film: Coverage 100%, Overlap 25% Minimum
- Face Outside AL.MYLAR: Coverage 100%, Overlap 25% Minimum
- Drain: 26AWG, Tinned Copper, Size 7/0.16±0.008MM x1PC
- Braid Copper: Tinned Copper, Size 24 x 9/0.12±0.008MM
- Jacket: Minimum average thickness 0.76MM, Half MATT PVC, Colour UL20086 BE02, O.D. 9.50±0.15MM

Electrical:

- Voltage rating: 30V, Temperature 80°C
- Conductor resistance: @20°C Max. - 28AWG:237.25Ω/km
- Insulation resistance: 10MΩ·km min at 20°C dc 500V
- Dielectric strength: 500V AC/1 minute no breakdown

Unit: MM

Scale	1:1					Name	Item No. AK-Y1301
TOLERANCE					Drawn	11.29.11	
X.X	±0.40				Approved	11.29.11	Warner
X.XX	±0.25				Title HPDB 68P Cable - Male <=> Male, 3 Feet		
X.XXX	±0.15				Drawing No.		
Angle	±3°						



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