

# Shield Cable with One 50-Pin Mini-Ribbon Connector

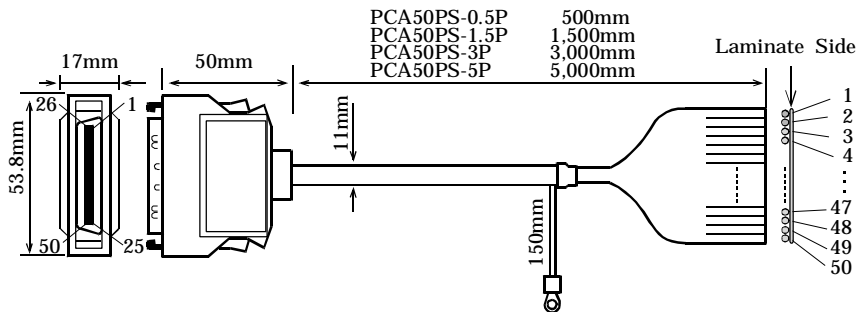
## PCA50PS-0.5P, PCA50PS-1.5P, PCA50PS-3P, PCA50PS-5P

### User's Guide

#### CONTEC CO.,LTD.

The PCA50PS-0.5P, PCA50PS-1.5P, PCA50PS-3P, and PCA50PS-5P are cables for connecting a 50-pin mini-ribbon connector on CONTEC board with other devices.

### External Dimensions



### Specifications

Item	Specification
Connector used	50-pin mini-ribbon connector 0150-6000EL[3M] or equivalent
Cable	50 core shield cable(25pair). Conductor size : AWG#28 Conductor composition : 7pcs/0.127mm UL2464
Round terminal	0.5-3[JST] or equivalent
Specification of wire Terminals	It lamination-processes in 1.27mm pitch.
Weight	170g(PCA50PS-0.5P), 340g(PCA50PS-1.5P), 590g(PCA50PS-3P), 950g(PCA50PS-5P)

### Notes!

- Do not strike or bend the product. Otherwise, the product may malfunction, overheat, cause a failure or breakage.
- Do not insert or remove the connector while the power is turned on to the PC. Failure to observe this precaution may cause malfunction, overheating.
- The specifications of this product are subject to change without notice for quality improvement. Even when using the product continuously, be sure to read the manual and understand the contents.
- Regardless of the foregoing statement, CONTEC assumes no responsibility for any errors that may appear in this document or for any results of using the product.
- All relevant issues have been considered in the preparation of this document. Should you notice an omission or any questionable item in this document, please feel free to notify CONTEC CO., LTD.

## Connection Diagram

Connector Pin No.	Color and sign in line core	Wire No.
1	Orange+1Red	1
26	Orange+1Black	26
2	Gray+1Red	2
3	Gray+1Black	3
4	White+1Red	4
5	White+1Black	5
6	Yellow+1Red	6
7	Yellow+1Black	7
8	Pink+1Red	8
9	Pink+1Black	9
10	Orange+2Red	10
11	Orange+2Black	11
12	Gray+2Red	12
13	Gray+2Black	13
14	White+2Red	14
15	White+2Black	15
16	Yellow+2Red	16
17	Yellow+2Black	17
18	Pink+2Red	18
19	Pink+2Black	19
20	Orange+3Red	20
21	Orange+3Black	21
22	Gray+3Red	22
23	Gray+3Black	23
24	White+3Red	24
25	White+3Black	25

27	Yellow+3Red	27
28	Yellow+3Black	28
29	Pink+3Red	29
30	Pink+3Black	30
31	Orange+4Red	31
32	Orange+4Black	32
33	Gray+4Red	33
34	Gray+4Black	34
35	White+4Red	35
36	White+4Black	36
37	Yellow+4Red	37
38	Yellow+4Black	38
39	Pink+4Red	39
40	Pink+4Black	40
41	Orange+5Red	41
42	Orange+5Black	42
43	Gray+5Red	43
44	Gray+5Black	44
45	White+5Red	45
46	White+5Black	46
47	Yellow+5Red	47
48	Yellow+5Black	48
49	Pink+5Red	49
50	Pink+5Black	50

Shell ——— Shield ——— Round terminal

The color and the sign in the line core show  
[color in the line core]+[the number of signs],[color of the mark].

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