A one end connector shield cable
for 96 pin Half-Pitch connectors

PCA96PS-**P

These products are cables for connecting a 96-pin half-pitch connector on CONTEC board with other devices.

* The contents in this document are subject to change without notice.
* Visit the CONTEC website to check the latest details in the document.
* The information in the data sheets is as of January, 2024.

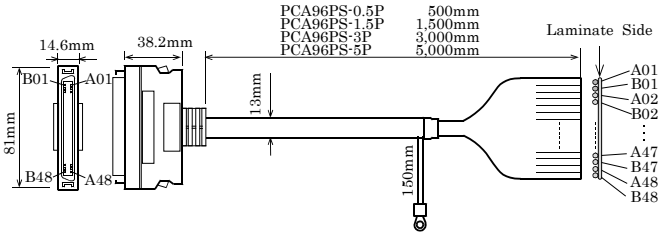
* Specifications, color and design of the products are subject to change without notice.

Model	Length	Weight
PCA96PS-0.5P	500 mm	200g
PCA96PS-1.5P	1500 mm	420g
PCA96PS-3P	3000 mm	750g
PCA96PS-5P	5000 mm	1170g

Specification

Item	Specification
Connector used	96-pin half-pitch, female connector PCR-E96FA[HONDA] or equivalent
Cable	96 core shield cable(48pair). Conductor size: AWG#30 Conductor composition: 7pcs/0.10mm UL2464
Round terminal	V1.25-3[JST] or equivalent
Specification of wire Terminals	It lamination-processes in 1.27mm pitch.
Weight	200g(PCA96PS-0.5P), 420g(PCA96PS-1.5P), 750g(PCA96PS-3P), 1170g(PCA96PS-5P)
Line core color	Line core color depends on the product revision. Please refer to the next page
Standard	CE(RoHS Directive), UKCA

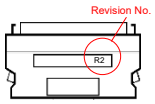
Physical Dimensions



Connection Diagram

Line core color depends on the product revision.

Revision No., please refer to the label of the connector.



Connector Pin No.	Revision No. Rxx line core color (marking No./color)	< Revision No. N/A > < line core color (marking No./color) >	Wire No.
A01	White (10Red)	<Orange (1Red)>	A01
B01	White (10Black)	<Orange (1Black)>	B01
A02	Gray (10Red)	<Orange (2Red)>	A02
B02	Gray (10Black)	<Orange (2Black)>	B02
A03	Orange (10Red)	<Orange (3Red)>	A03
B03	Orange (10Black)	<Orange (3Black)>	B03
A04	Pink (9Red)	<Orange (4Red)>	A04
B04	Pink (9Black)	<Orange (4Black)>	B04
A05	Yellow (9Red)	<Orange (5Red)>	A05
B05	Yellow (9Black)	<Orange (5Black)>	B05
A06	White (9Red)	<Gray (1Red)>	A06
B06	White (9Black)	<Gray (1Black)>	B06
A07	Gray (9Red)	<Gray (2Red)>	A07
B07	Gray (9Black)	<Gray (2Black)>	B07
A08	Orange (9Red)	<Gray (3Red)>	A08
B08	Orange (9Black)	<Gray (3Black)>	B08
A09	Pink (8Red)	<Gray (4Red)>	A09
B09	Pink (8Black)	<Gray (4Black)>	B09
A10	Yellow (8Red)	<Gray (5Red)>	A10
B10	Yellow (8Black)	<Gray (5Black)>	B10
A11	White (8Red)	<White (1Red)>	A11
B11	White (8Black)	<White (1Black)>	B11
A12	Gray (8Red)	<White (2Red)>	A12
B12	Gray (8Black)	<White (2Black)>	B12
A13	Orange (8Red)	<White (3Red)>	A13
B13	Orange (8Black)	<White (3Black)>	B13
A14	Pink (7Red)	<White (4Red)>	A14
B14	Pink (7Black)	<White (4Black)>	B14
A15	Yellow (7Red)	<White (5Red)>	A15
B15	Yellow (7Black)	<White (5Black)>	B15
A16	White (7Red)	<Yellow (1Red)>	A16
B16	White (7Black)	<Yellow (1Black)>	B16
A17	Gray (7Red)	<Yellow (2Red)>	A17
B17	Gray (7Black)	<Yellow (2Black)>	B17
A18	Orange (7Red)	<Yellow (3Red)>	A18
B18	Orange (7Black)	<Yellow (3Black)>	B18
A19	Pink (6Red)	<Yellow (4Red)>	A19
B19	Pink (6Black)	<Yellow (4Black)>	B19
A20	Yellow (6Red)	<Yellow (5Red)>	A20
B20	Yellow (6Black)	<Yellow (5Black)>	B20
A21	White (6Red)	<Pink (1Red)>	A21
B21	White (6Black)	<Pink (1Black)>	B21
A22	Gray (6Red)	<Pink (2Red)>	A22
B22	Gray (6Black)	<Pink (2Black)>	B22
A23	Orange (6Red)	<Pink (3Red)>	A23
B23	Orange (6Black)	<Pink (3Black)>	B23
A24	Pink (5Red)	<Pink (4Red)>	A24
B24	Pink (5Black)	<Pink (4Black)>	B24

Connector Pin No.	Revision No. Rxx line core color (marking No./color)	< Revision No. N/A > < line core color (marking No./color) >	Wire No.
A25	Yellow (5Red)	<Pink (5Red)>	A25
B25	Yellow (5Black)	<Pink (5Black)>	B25
A26	White (5Red)	<Brown (1White)>	A26
B26	White (5Black)	<Brown (1Black)>	B26
A27	Gray (5Red)	<Brown (2White)>	A27
B27	Gray (5Black)	<Brown (2Black)>	B27
A28	Orange (5Red)	<Brown (3White)>	A28
B28	Orange (5Black)	<Brown (3Black)>	B28
A29	Pink (4Red)	<Brown (4White)>	A29
B29	Pink (4Black)	<Brown (4Black)>	B29
A30	Yellow (4Red)	<Brown (5White)>	A30
B30	Yellow (4Black)	<Brown (5Black)>	B30
A31	White (4Red)	<Red (1White)>	A31
B31	White (4Black)	<Red (1Black)>	B31
A32	Gray (4Red)	<Red (2White)>	A32
B32	Gray (4Black)	<Red (2Black)>	B32
A33	Orange (4Red)	<Red (3White)>	A33
B33	Orange (4Black)	<Red (3Black)>	B33
A34	Pink (3Red)	<Red (4White)>	A34
B34	Pink (3Black)	<Red (4Black)>	B34
A35	Yellow (3Red)	<Red (5White)>	A35
B35	Yellow (3Black)	<Red (5Black)>	B35
A36	White (3Red)	<Blue (1White)>	A36
B36	White (3Black)	<Blue (1Black)>	B36
A37	Gray (3Red)	<Blue (2White)>	A37
B37	Gray (3Black)	<Blue (2Black)>	B37
A38	Orange (3Red)	<Blue (3White)>	A38
B38	Orange (3Black)	<Blue (3Black)>	B38
A39	Pink (2Red)	<Blue (4White)>	A39
B39	Pink (2Black)	<Blue (4Black)>	B39
A40	Yellow (2Red)	<Blue (5White)>	A40
B40	Yellow (2Black)	<Blue (5Black)>	B40
A41	White (2Red)	<Green (1White)>	A41
B41	White (2Black)	<Green (1Black)>	B41
A42	Gray (2Red)	<Green (2White)>	A42
B42	Gray (2Black)	<Green (2Black)>	B42
A43	Orange (2Red)	<Green (3White)>	A43
B43	Orange (2Black)	<Green (3Black)>	B43
A44	Pink (1Red)	<Green (4White)>	A44
B44	Pink (1Black)	<Green (4Black)>	B44
A45	Yellow (1Red)	<Green (5White)>	A45
B45	Yellow (1Black)	<Green (5Black)>	B45
A46	White (1Red)	<L/Green (1Red)>	A46
B46	White (1Black)	<L/Green (1Black)>	B46
A47	Gray (1Red)	<L/Green (2Red)>	A47
B47	Gray (1Black)	<L/Green (2Black)>	B47
A48	Orange (1Red)	<L/Green (3Red)>	A48
B48	Orange (1Black)	<L/Green (3Black)>	B48

Shell — Shield — Round Terminal

Revision No. R2 or higher :
The marking No. shows the below signs.

No	signs
1	-
2	- -
3	- - -
4	- - - -
5	- - - - - - - - - -
6	—
7	— —
8	— — —
9	— — — —
10	————

Revision No. N/A :
The marking No. shows the below signs.

No	signs
1	-
2	- -
3	- - -
4	- - - -
5	- - - - -

Rxx ··· xx indicates the revision number.