



Wire Assembly

- [Wire Cut](#)
- [Wire Work](#)
- [Wire Harness Assy](#)

Wire Cut

[Cut wires according to the table of wires except W2, W3.](#)

* W2-3: Gold-plated wire



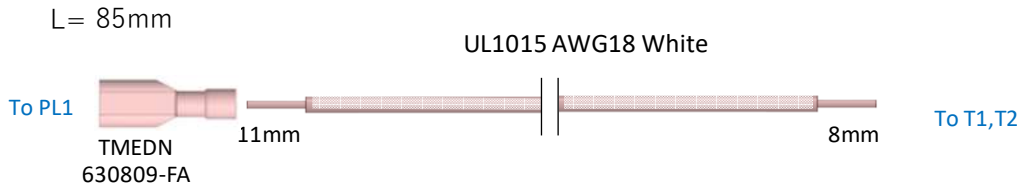
Wire Work

* W1: Earth Wire

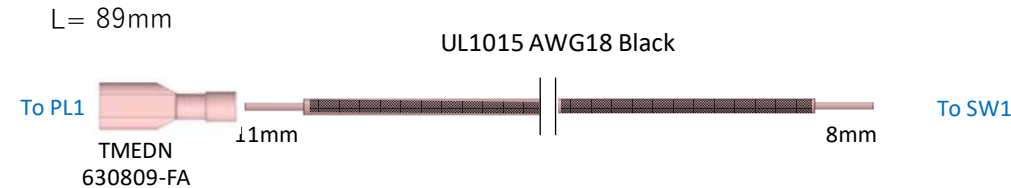
2024/02/29



* W4: Neutral Wire



* W5: Line Wire

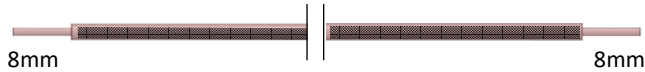


*** W6: Line Wire**

L = 40mm

UL1015 AWG18 Black

To SW1

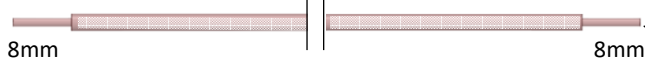


*** W7: Neutral Wire**

L = 159mm

UL1015 AWG18 White

To T1, T2



To PS3

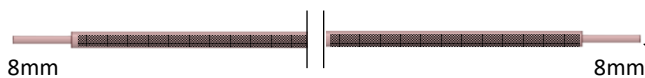
Solder

*** W8: Line Wire**

L = 121mm

UL1015 AWG18 Black

To T3, T4



To PS3

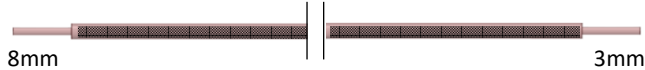
Solder

*** W9: Line Wire**

L = 73mm

UL1007 AWG22 Black

To T3, T4



To J15

SXH-001T-P0.6

Core: 1.4mm
Insulator: 1.6mm



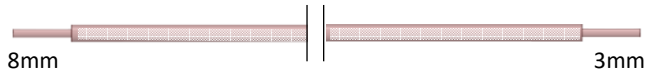
Crimping tool: Engineer PA-09

*** W10: Neutral Wire**

L = 110mm

UL1007 AWG22 White

To T1,T2



To J15

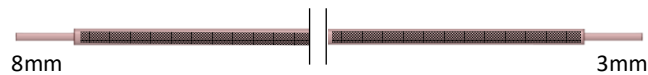
SXH-001T-P0.6

*** W11: Line Wire**

L = 97mm

UL1007 AWG22 Black

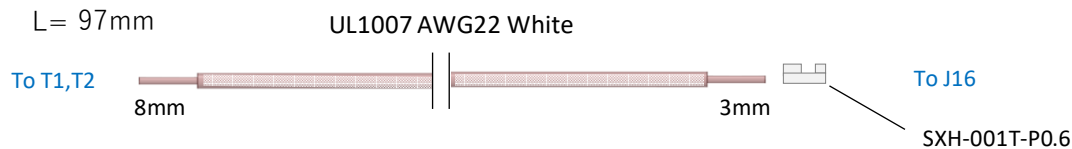
To T3,T4



To J16

SXH-001T-P0.6

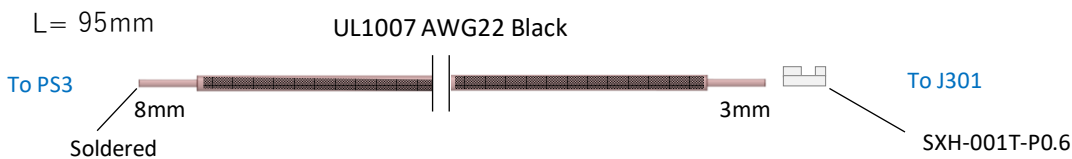
*** W12: Neutral Wire**



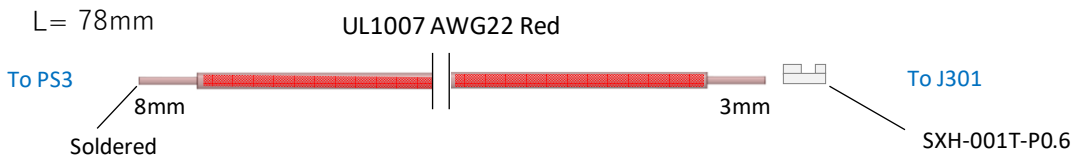
*** W13: DGND**



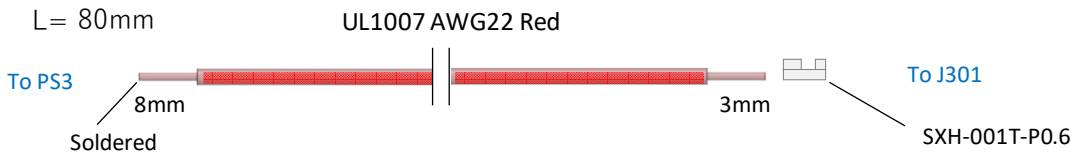
*** W14: DGND**



*** W15: +5V**



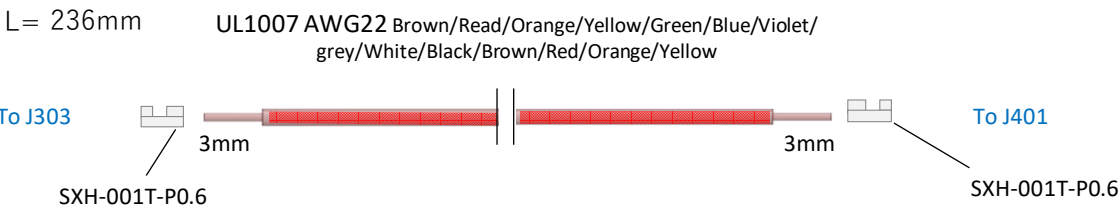
*** W16: +5V**



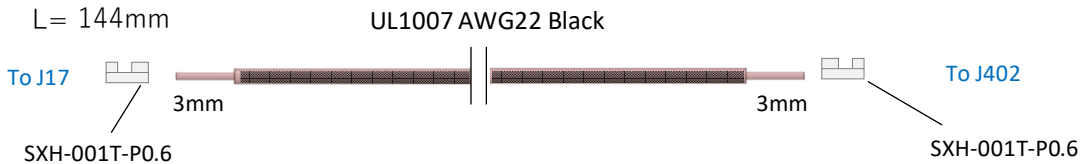
*** W17-24: WH4 DISP**



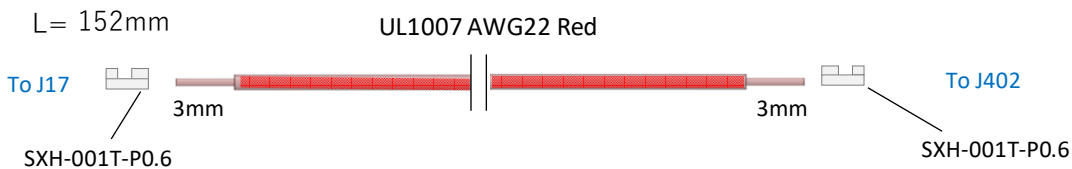
*** W25-38**



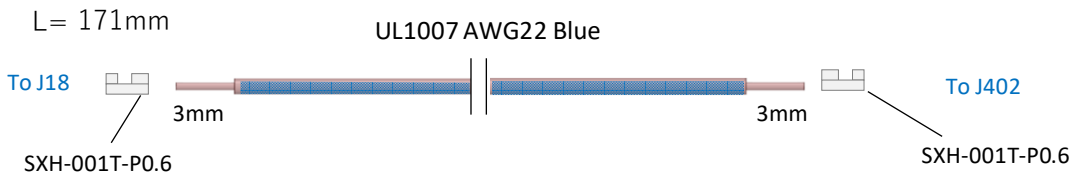
*** W39-40**



*** W41-42**



*** W43-44**



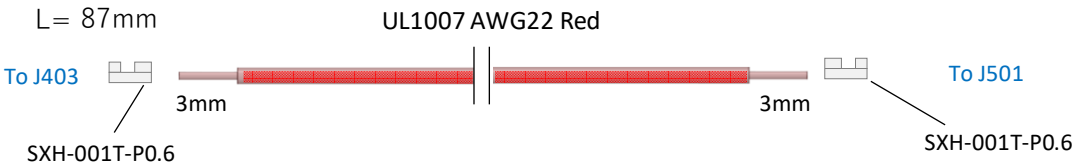
*** W45-46**



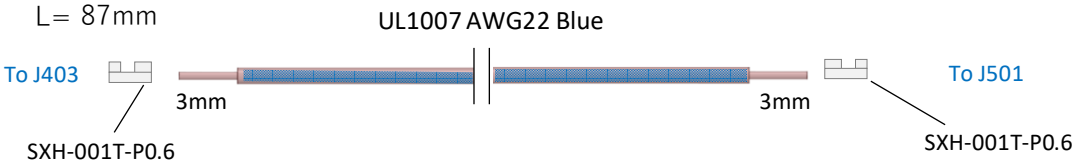
*** W47-50,52,54**



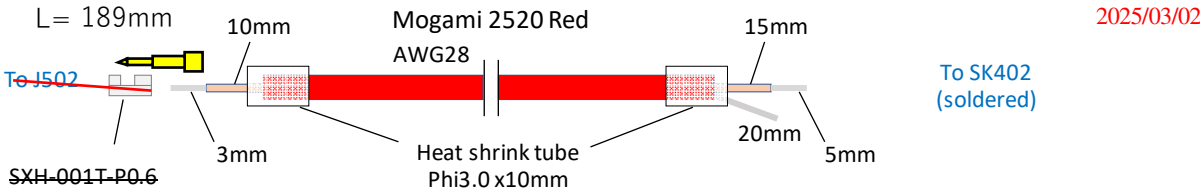
* W51



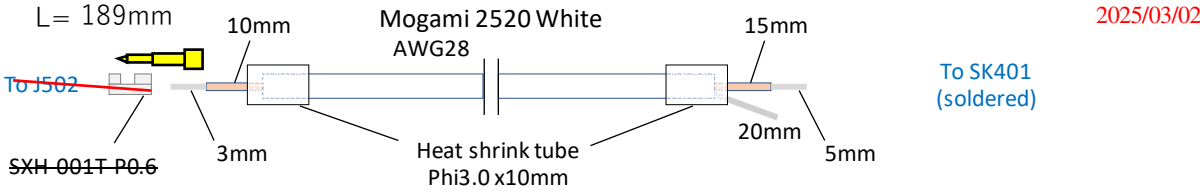
* W53



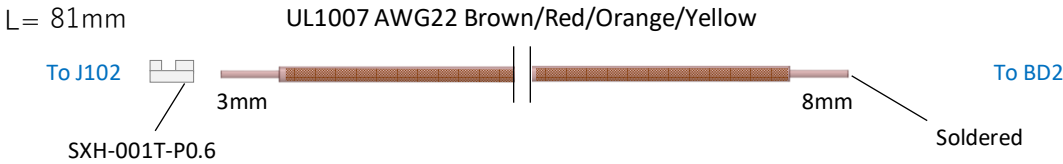
* W55



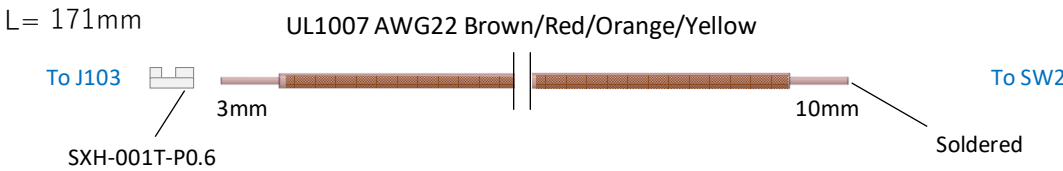
* W56



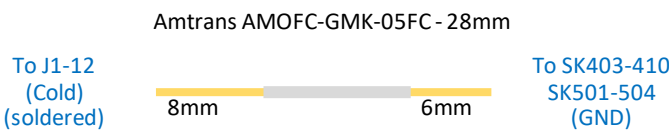
* W57-60



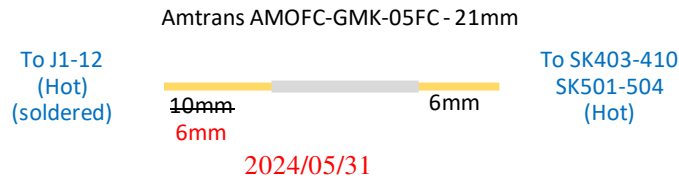
* W61-64



* W65,67,69,71,73-77,79,81,83

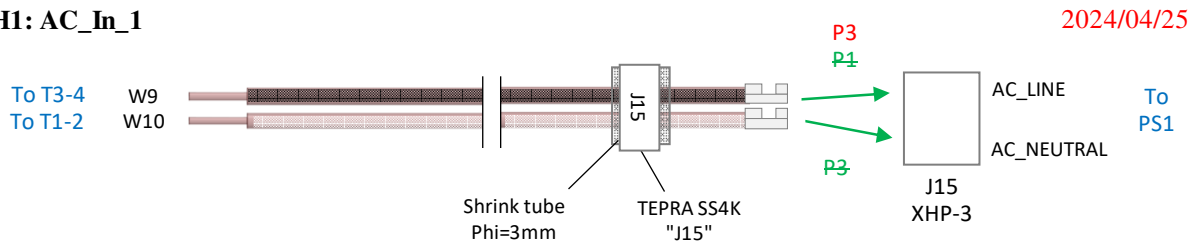


* W66,68,70,72,78,80,82,84

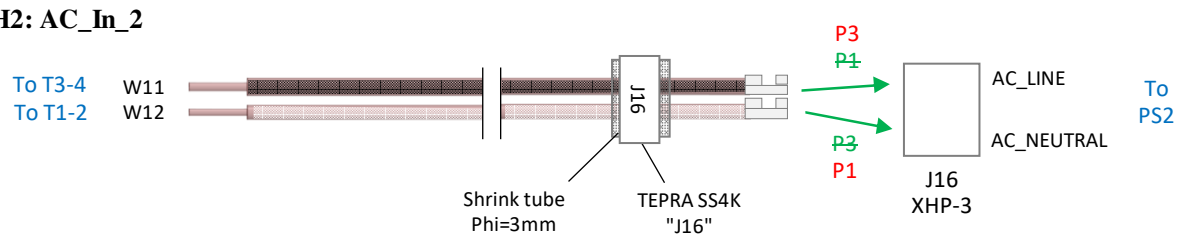


Wire Harness Assy

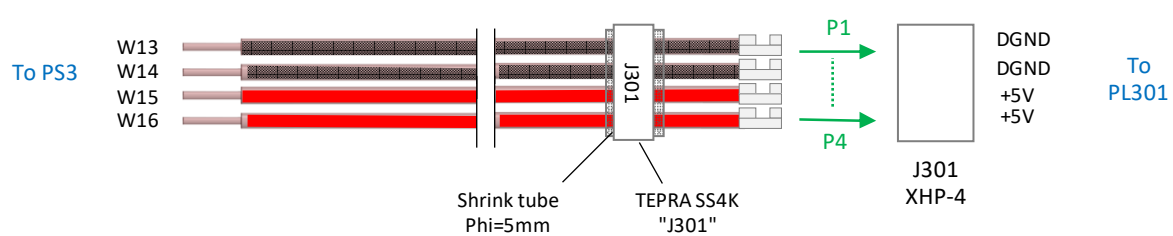
* WH1: AC_In_1



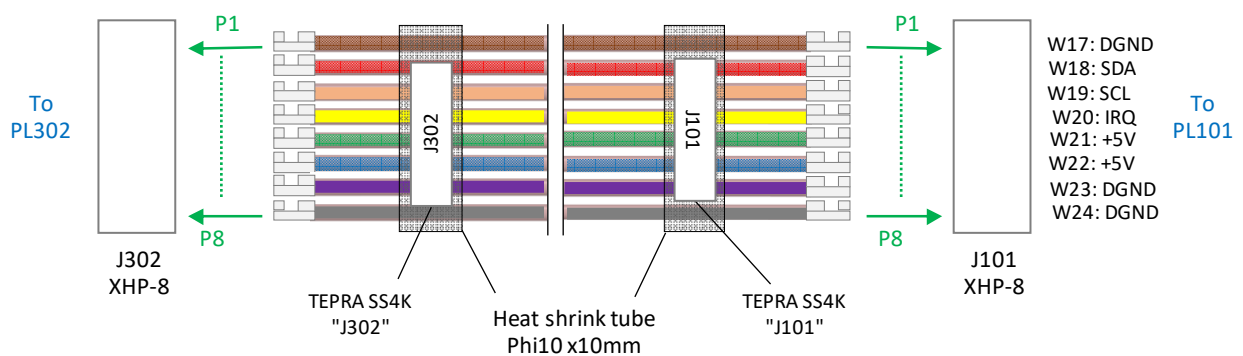
* WH2: AC_In_2



* WH3: DC_+5V



* WH4: DISP



To PL303

P1

P14

J303 XHP-14

TEPRA SS4K "J303"

Heat shrink tube Phi12 x10mm

TEPRA SS4K "J401"

J401 XHP-8

To PL401

W25: nMUTE
W26: ZCEN
W27: nCS
W28: SCLK
W29: SDI
W30: SDO
W31: +5V
W32: +5V
W33: DGND
W34: DGND
W35: nSEL_PHONO
W36: nSEL_DAC
W37: nSEL_AUX
W38: DGND

Diagram illustrating the antenna assembly for the PL304 antenna. The assembly includes a J304 connector, a 3mm wide, 15mm long SXH-001T-P0.6 antenna, a 256mm long Canare L-2B2AT Grey - 256mm AWG25 cable, and a 23mm long, 8mm wide RX/TX/GND connector. The cable is terminated with a 23mm long, 8mm wide RX/TX/GND connector. The cable is also labeled with dimensions 18mm, 15mm, and 23mm. The cable is terminated with a 23mm long, 8mm wide RX/TX/GND connector. The cable is also labeled with dimensions 18mm, 15mm, and 23mm. The cable is terminated with a 23mm long, 8mm wide RX/TX/GND connector. The cable is also labeled with dimensions 18mm, 15mm, and 23mm.

To PL305

HOT WIPER COLD

J305 XHP-3

P3

P1

3mm

15mm

18mm

J305

TEPR SS4K

Canare L-2B2AT Grey - 442mm AWG25

Heat shrink tube Phi 3.0 x 10mm

28mm

20mm

8mm

HOT WIPER COLD

To VR1 (soldered)

Diagram illustrating the power supply cable assembly, showing the connection between the power supply unit (PSU) and the load.

Power Supply Unit (PSU): J18 XHP-4 x2

Load: J402 XHP-8

Intermediate Components:

- Heat shrink tube Phi8 x10mm
- TEPRAS4K
- Heat shrink tube Phi10 x10mm
- SXH-001T-P0.6

Wiring Details:

- W39: W41
- W40: W42
- W41: W39
- W42: W40
- W43: W45
- W44: W46
- W45: W43
- W46: W44

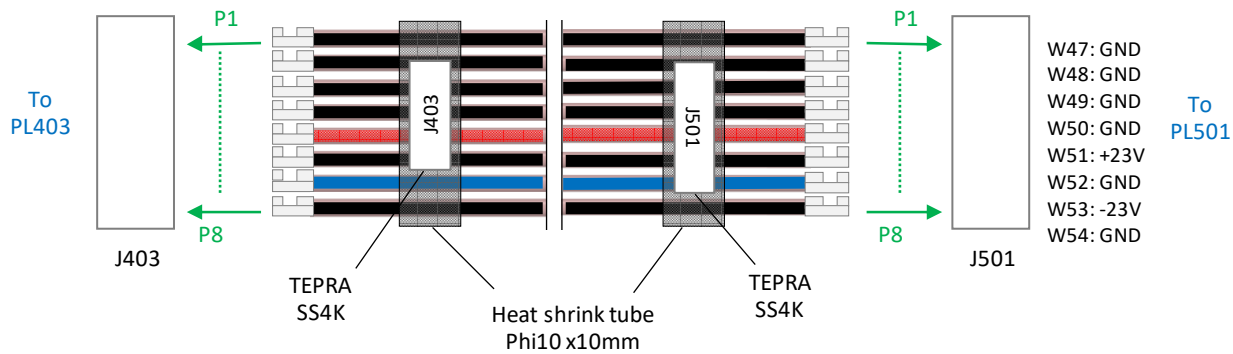
Connections:

- PSU Output: P1, P4, P1, P4
- Load Input: P1, P8
- Load Output: +24V, +24V, GND, GND, GND, -24V, -24V

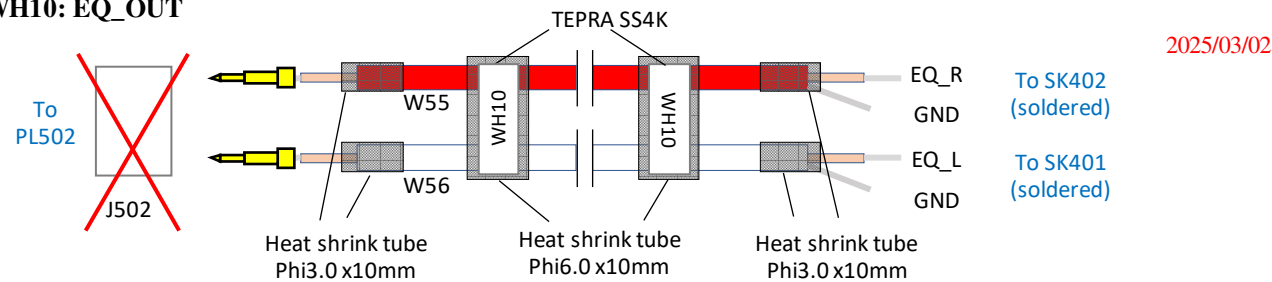
Labels:

- To PS1
- To PS2
- To PL402

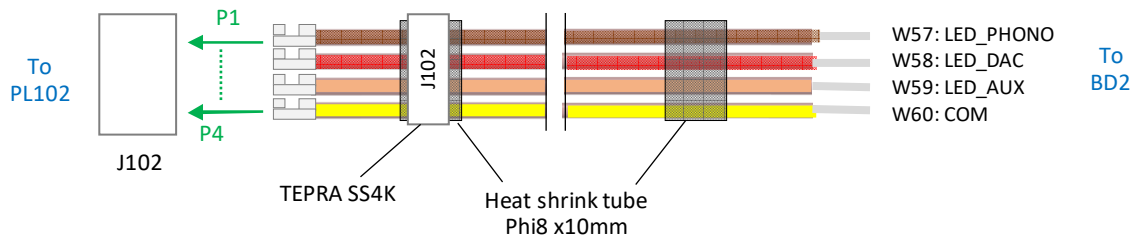
* WH9: Power



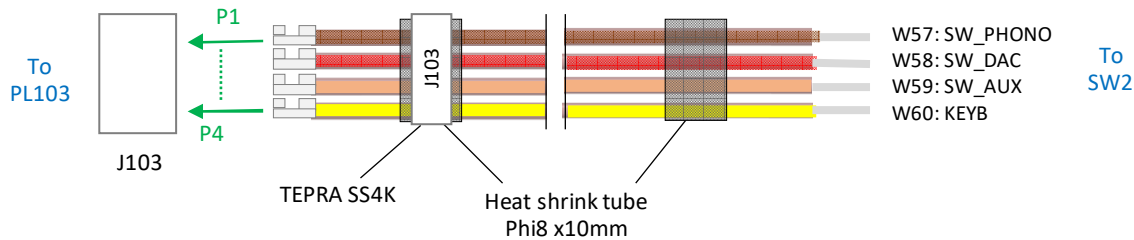
* WH10: EQ_OUT



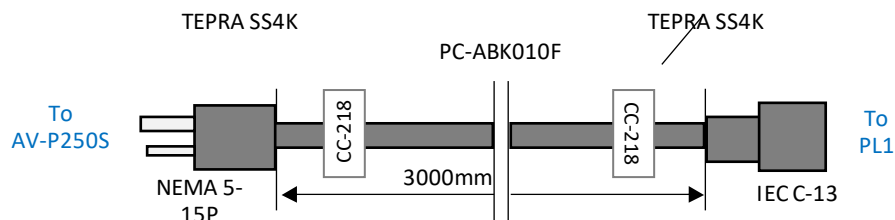
* WH11: IND



* WH12: RSW



* CB1: Power Cord



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