

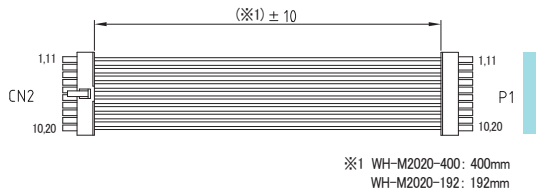
Removable output harness WH-M2020 series

20 pin main connector output harness



RoHS Directive

Dimension



Product specification

Items	Specification	Measurement condition
Operating Temp.	-10 to 70°C	Temperature gradient 15°C/H
Storage Temp.	-25 to 70°C	Temperature gradient 15°C/H
Relative humidity	10 to 95%	No condensation
Warranty	One year after delivery. However, if any faults belong to us, the defective unit shall be repaired or replaced at our cost.	Provided that the unit shall be operated under normal temp. and humidity, and specification.

Model	Stock	Standard Price (Before Tax)
WH-M2020-400	Standard stock	¥600
WH-M2020-192	Standard stock	¥400

Model name coding: WH - M 20 20 - ***

① Series name, ② Main harness, ③ 20 pins for load side, ④ 20 pins for power supply side, ⑤ Harness length (mm)

Applicable power supply

Desktop PC power supply		System rack power supply	
Model	Page	Model	Page
PCTF-220P-X2S	B-E136	PC1U-210P-X2S	B-E216
		PC1U-180P-X2S	B-E226
		PC1U-160P-X2S	B-E236

Pinout assignment

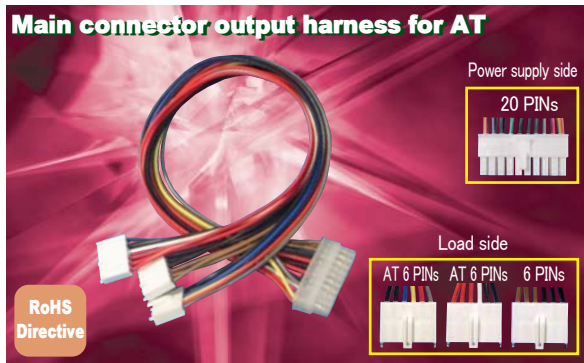
CONNECTOR TYPE	PIN No.	PIN No.	FUNCTION	WIRE COLOR	WIRE TYPE	CONNECTOR TYPE
CN2	1	1	+3.3V SENSE	ORANGE	UL1007 AWG#18	P1
	11	1	+3.3V	ORANGE		
	2	2	+3.3V	ORANGE		
	3	3	COM	BLACK		
	4	4	+5V	RED		
	5	5	COM	BLACK		
	6	6	+5V	RED		
	7	7	COM	BLACK		
	8	8	PWR OK	GRAY		
	9	9	+5VSB	VIOLET		
	10	10	+12V	YELLOW		
	11	11	+3.3V	ORANGE		
	12	12	-12V	BLUE		
	13	13	COM	BLACK		
	14	14	PS_ON#	GREEN		
	15	15	COM	BLACK		
	16	16	COM	BLACK		
	17	17	COM	BLACK		
	18	18	-5V	WHITE		
	19	19	+5V	RED		
20	20	+5V	RED			

Housing: CP-01122030 (CviLux) or equivalent

Terminal: 1PIN CP-01100105 (CviLux) or equivalent, Other CP-01100102 (CviLux) or equivalent

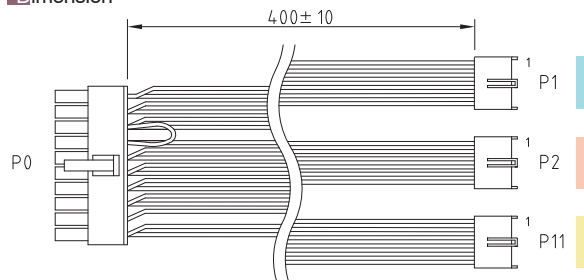
Removable output harness WH-MAT20-400

Main connector output harness for AT



RoHS Directive

Dimension



Product specification

Items	Specification	Measurement condition
Operating Temp.	-10 to 70°C	Temperature gradient 15°C/H
Storage Temp.	-25 to 70°C	Temperature gradient 15°C/H
Relative humidity	10 to 95%	No condensation
Warranty	One year after delivery. However, if any faults belong to us, the defective unit shall be repaired or replaced at our cost.	Provided that the unit shall be operated under normal temp. and humidity, and specification.

Model	Stock	Standard Price (Before Tax)
WH-MAT20-400	Standard stock	¥1,450

Model name coding: WH - M AT 20 - ***

① Wire harness, ② Main harness, ③ Connector for AT at load side, ④ 20pin of power supply side, ⑤ Harness length (mm)

Applicable power supply

Desktop PC power supply		System rack power supply	
Model	Page	Model	Page
PCTF-220P-X2S	B-E136	PC1U-210P-X2S	B-E216
		PC1U-180P-X2S	B-E226
		PC1U-160P-X2S	B-E236

Pinout assignment

CONNECTOR TYPE	PIN No.	PIN No.	FUNCTION	WIRE COLOR	WIRE TYPE	CONNECTOR TYPE
P0	13	14	PS_ON#	BLACK	UL1007 AWG#18	P0
	8	1	PWR OK	ORANGE		
	4	2	+5V	RED		
	10	3	+12V	YELLOW		
	12	4	-12V	BLUE		
	3	5	COM	BLACK		
	13	6	COM	BLACK		
	17	1	COM	BLACK		
	7	2	COM	BLACK		
	18	3	-5V	WHITE		
	6	4	+5V	RED		
19	5	+5V	RED			
20	6	+5V	RED			
P1	16	1	COM	BLACK	UL1007 AWG#18	P1
	15	2	COM	BLACK		
	5	3	COM	BLACK		
	2	4	+3.3V	BROWN		
	1	5	+3.3V	BROWN		
	9	6	+3.3V	BROWN		
11	-	-	-	-	-	-

Housing: CP-01122030 (CviLux) or equivalent

Terminal: 1,13PIN CP-01100105 (CviLux) or equivalent, Other CP-01100102 (CviLux) or equivalent