

Manual Date : 2025.05

Installation Manual

Video Interface for Porsche PCM4.0
Model : QPE-PCM4.0-CMD



• Specification

Car Compatibility : 2016 Porsche model with PCM4.0

Components : Interface* 1ea

Multimedia interface Input/output spec

Input : Analog RGB*1, A/V*1, CVBS(Rear Camera)*1

CVBS(Front Camera)*1

Output : To LCD*1

Power spec

Input power : 8VDC ~ 18VDC

Consumption : 5WATT

Switch input mode

- External video sources skip function : able to control input videos on and off via DIP switches.
- Able to switch videos via the remote, button switch, and original buttons.

Components



MAIN BOARD
QCPASS1187



POWER CABLE
HPOWER0216



CAN J BY J
HPOWER0218



LCD CABLE
HLCDCA0050



RGB CABLE
HRGBCA0020



AV CABLE
HAVCAB0030



Rear CABLE
HAVCAB0032



IR CABLE
HIRCAB0002



BUTTON CABLE
HARETC0001



REMOTE CONTROL
REMOTE0001



UART Cable
HTOUCH0031



Navi Cable
HNAVIC0002

• DIP SWITCH



ON: DOWN / OFF: UP

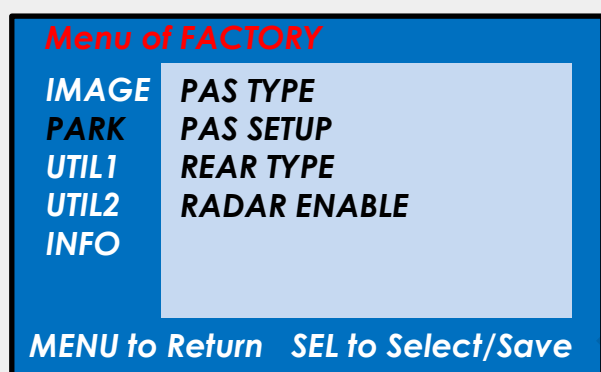
** Please make sure to disconnect the power cable of interface and reconnect to apply dip switch setting whenever changing DIP switch.*

PIN	FUNCTION	Dip S/W SETTING
1	RGB INPUT MUTE	OFF : RGB DISPLAY ON : RGB Skipping RGB Mode
2	AV1 MODE MUTE	OFF : AV1 DISPLAY ON : Skipping AV1 Mode
3	AV2 MODE MUTE	OFF : AV2 DISPLAY ON : Skipping AV2 Mode
4	FRONT CAMERA MUTE	OFF : Front camera use ON : Front camera mute
5	NO USE (OFF)	
6		
7	REAR MODE	OFF : OEM Rear Camera ON : External Rear Camera
8	NO USE (OFF)	

• Factory setting



- | | |
|----------------------|----------------------------|
| 1. ◀ Long Press: | Access to the Factory Menu |
| 2. OK Short Press: | Selection or Mode Change |
| 3. ▶ Long Press: | Factory Reset |
| 4. ▲ Short Press: | Moving Upward |
| 5. ▼ Short Press: | Moving Downward |
| 6. MENU Short Press: | Back |
| 7. PIP Short Press: | No Use |



PARK

PAS TYPE: Select parking line type

NOT USED: Do not use parking line

PAS ON: Use Flexible Parking Lines

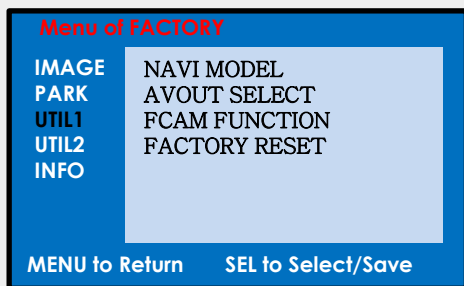
PAS OFF: Use fixed parking line

PAS SETUP: You can move the position of parking line.

REAR TYPE: Choose rear camera recognition (CAN/LAMP)

RADAR ENABLE: Setting up parking distance alarm sensor (ON/OFF)

• Factory setting



Navigation & Car model setting up

NAVI MODEL : Setting up RGB Navigation.

Default

MYVI_WVGA

ICUBE_WVGA

QROI_WVGA

GI5000A_WVGA

GI8000N_WVGA

SMITH_PAD_WVGA

WP9200_WVGA

WP9320_WVGA

KD900_WVGA

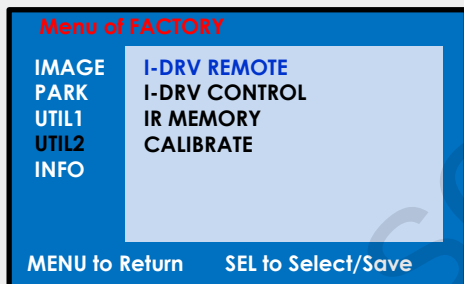
ACCLASS_WVGA

SE-NAV(WVGA)

AVOUT SELECT : Selecting background sound through car AUX (AV1, AV2, AV3)

FCAM FUNCTION : Choose to use FCAM source or AV3 source.

FACTORY RESET : Reset the factory setting



Other options setting up

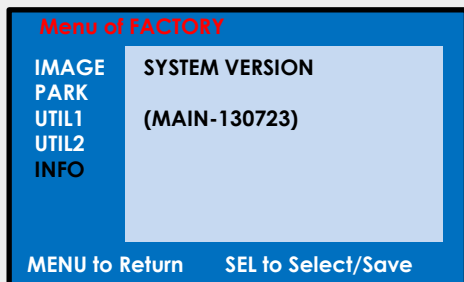
I-DRV REMOTE : Able to use remote control on DVD, DTV by selecting "User" after IR memory registered. (Default, User)

HANDLE KEY : Able to use a button on a steering wheel.

IR MEMORY : Registering IR memory (Remote control values) of DTV, DVD.

CALIBRATE : Calibrate touch.

※ Please refer to "IR Manual" for IR set up.



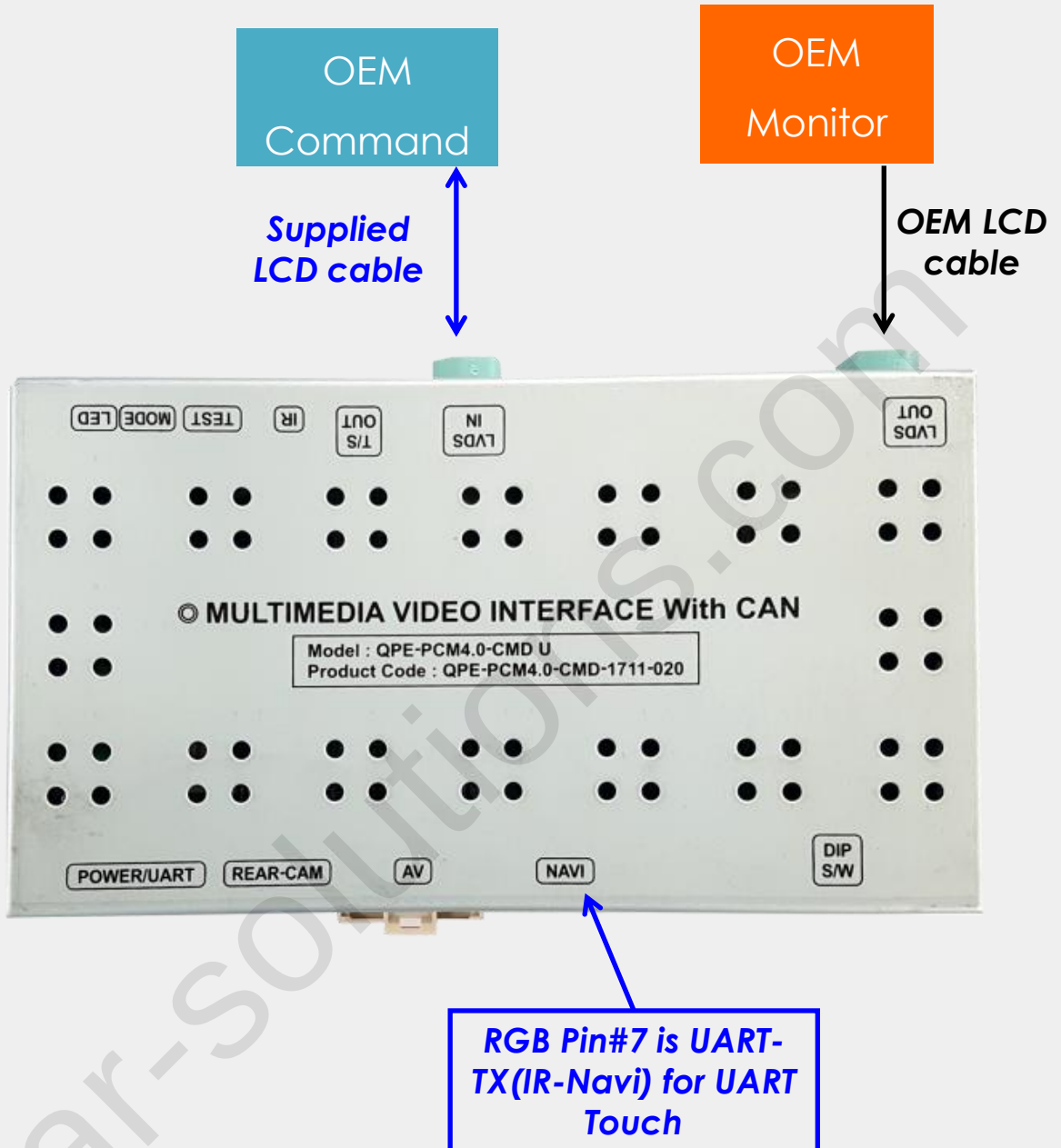
System version information

• OEM Buttons Usage

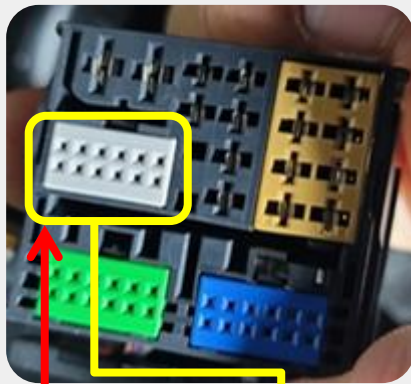


BUTTON	Press	Function
HOME	Long press (2 sec)	Switch modes (OEM→NAVI→AV1→AV2→ AV3)
BACK		Activate front camera
OPT	Long press (7 sec)	RESET
HOME	Short press	Back to OEM screen
OPT		
TUNER		
MEDIA		
NAVI		
MAP		
SOURCE		
PHONE		
CAR		
BACK		

LCD Cable Connection



Power CAN Cable Connection



Quad lock
connector behind
the head unit



1. Please unplug OEM connector in yellow circle from the head-unit bunch connector and plug in to provided CAN female connector.
2. Connect provided CAN male connector to the OEM bunch connector.
3. **Connect provided power wire pin#1 to car ACC.**

• Power / LVDS cable connection



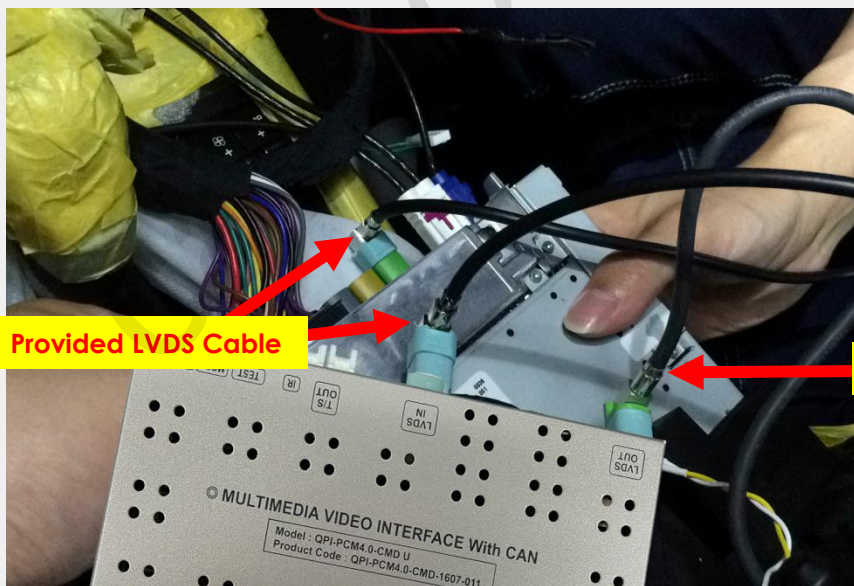
Take out the monitor from the center fascia.



Disconnect all cables from the command.



Disconnect a bunch of cables from the command for power/can connection.

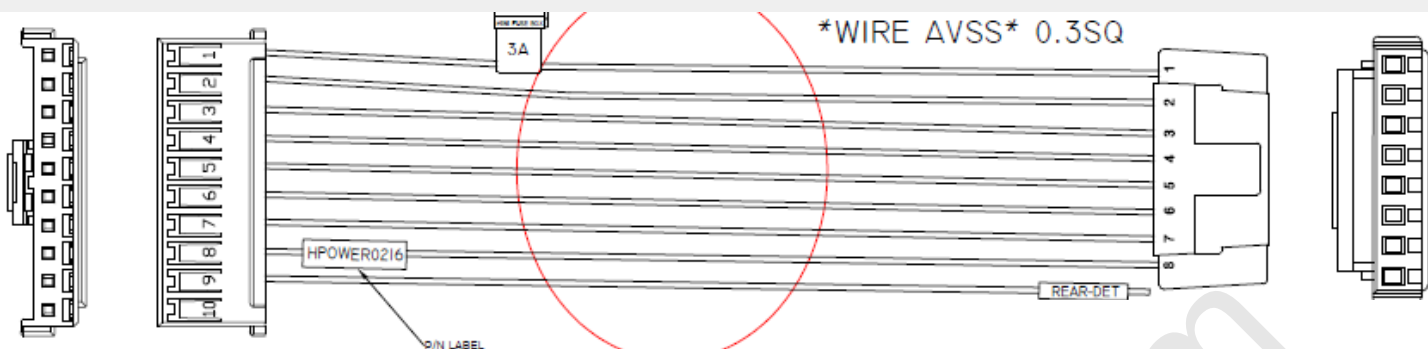


Provided LVDS Cable

Original LVDS Cable

Connect the original LVDS cable (Green) from the command green connector to "LVDS OUT" and connect the provided LVDS cable to the command and "LVDS IN" of interface.

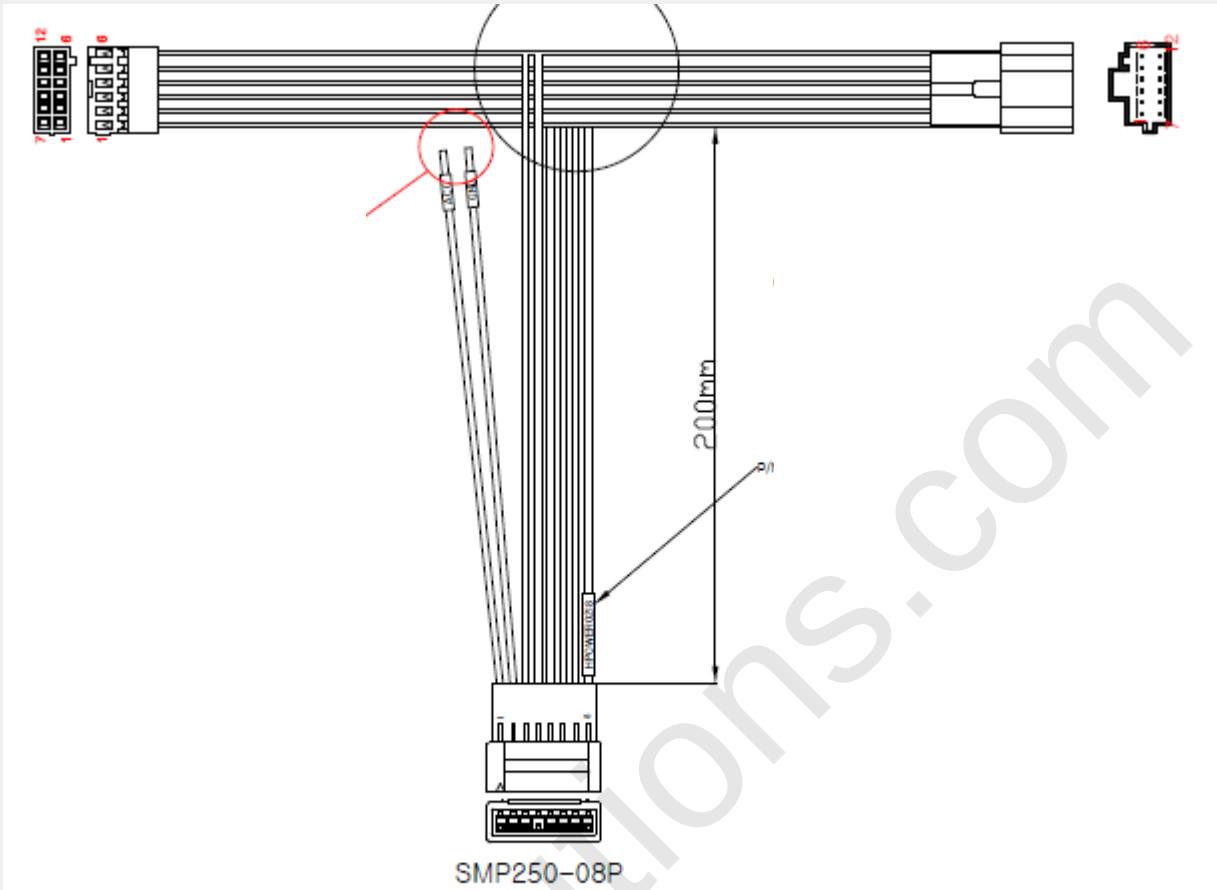
Power Cable Drawing



NO	DESCRIPTION	NO	COLOR
1	ACC	1	RED
2	GND	2	BLACK
3	CAN-H	3	BLUE
4	CAN-L	4	ORANGE
5	CAN2-H(IN)	5	WHITE
6	CAN2-L(IN)	6	YELLOW
7	CAN2-H(OUT)	7	BLACK/WHITE
8	CAN2-L(OUT)	8	BLACK
9	REAR-DET	9	GRAY
10	N.C	10	

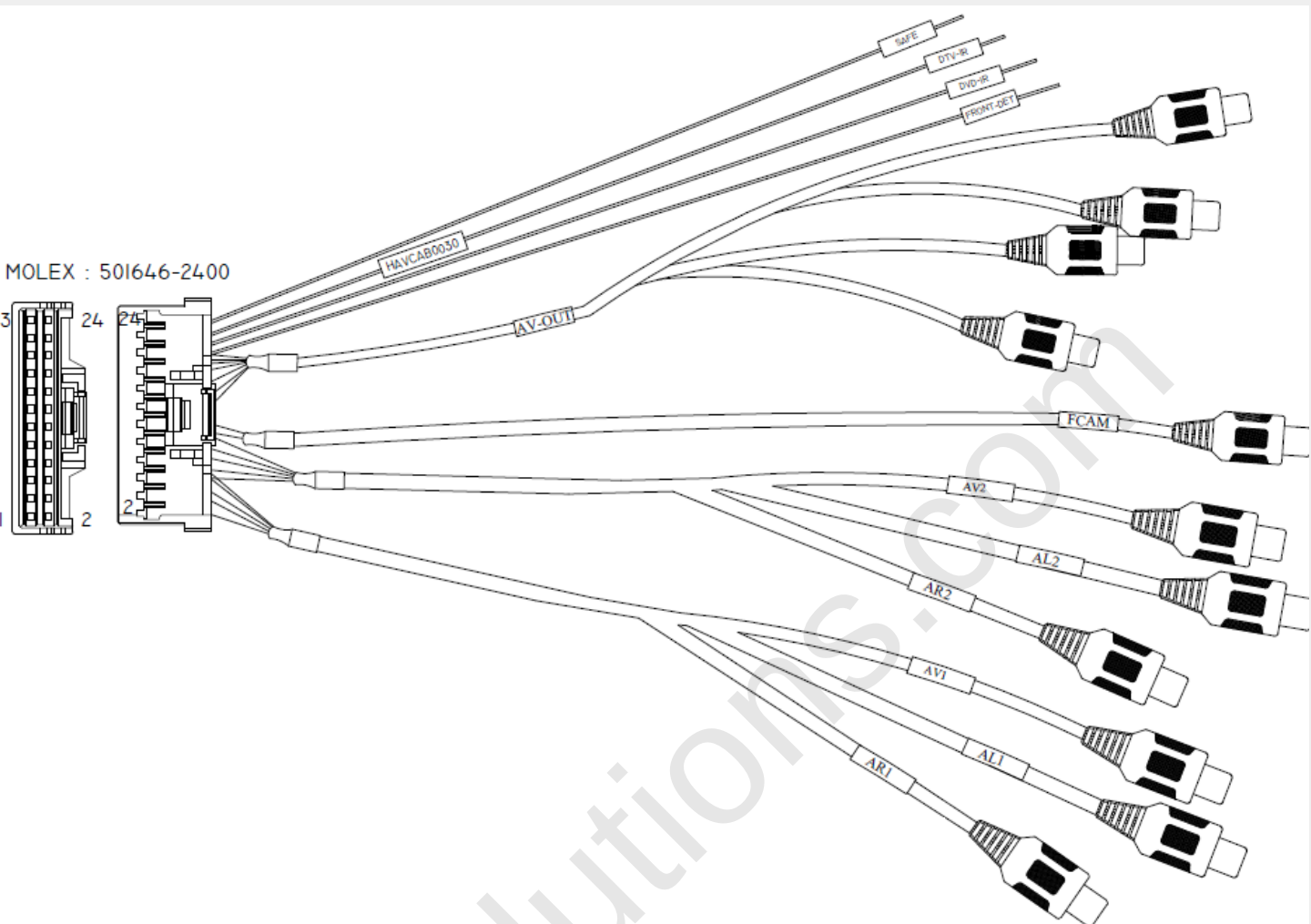
NO	DESCRIPTION	NO	COLOR
1	ACC	1	RED
2	GND	2	BLACK
3	CAN-H	3	BLUE
4	CAN-L	4	ORANGE
5	CAN2-H(IN)	5	WHITE
6	CAN2-L(IN)	6	YELLOW
7	CAN2-H(OUT)	7	BLACK/WHITE
8	CAN2-L(OUT)	8	BLACK

Can Jack by Jack Drawing



NO	DESCRIPTION	NO	COLOR
1	ACC	1	RED
2	GND	2	BLACK
3	CAN - H	3	BLUE
4	CAN - L	4	ORANGE
5	CAN2 - H(IN)	5	WHITE
6	CAN2 - L(IN)	6	YELLOW
7	CAN2 - H(OUT)	7	BLACK/WHITE
8	CAN2 - L(OUT)	8	BLACK

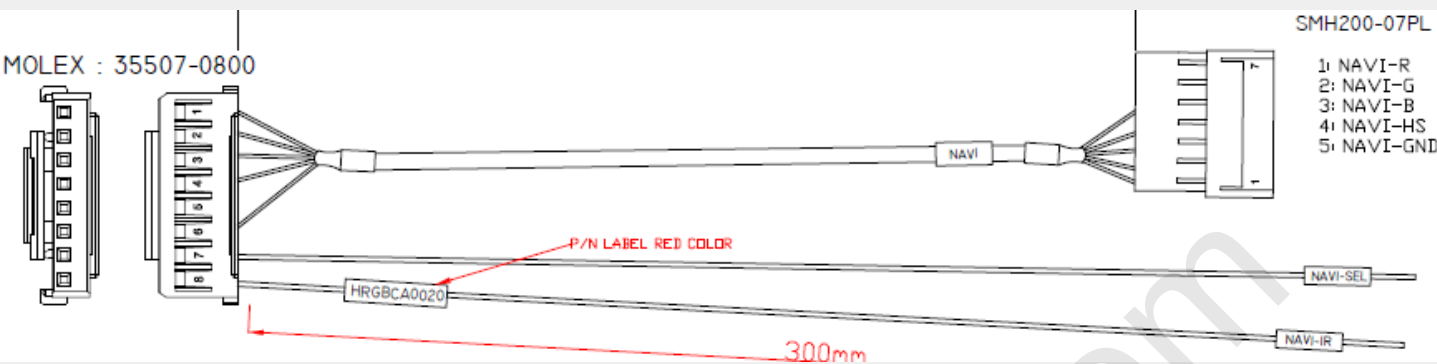
AV Cable Drawing



NO	DESCRIPTION	NO	COLOR	NO	DESCRIPTION	NO	COLOR
1	AVI	1	RCA YELLOW	11	FCAM	11	RCA YELLOW
2	AVI GND	2		12	FCAM-GND	12	
3	AL 1	3		13	AV OUT 1	13	
4	AR 1	4	RCA RED	14	AV OUT1-GND	14	RCA YELLOW
5	AL,R GND	5		15	AV OUT 2	15	
6	AV2	6		16	AV OUT2-GND	16	
7	AV2 GND	7	RCA YELLOW	17	AL-OUT	17	RCA WHITE
8	AL 2	8		18	AR-OUT	18	RCA RED
9	AR 2	9		19	AL,R OUT GND	19	
10	AL,R 2 GND	10		20	FRONT-DET	20	GRAY

NO	DESCRIPTION	NO	COLOR
21	DVD-IR	21	WHITE
22	DTV-IR	22	BLACK
23	SAFE	23	VIOLET
24		24	

RGB Cable Drawing



NO	DESCRIPTION	NO	COLOR
1	NAVI-R	1	RED
2	NAVI-G	2	GREEN
3	NAVI-B	3	BLUE
4	NAVI-HS	4	WHITE
5	N.C	5	
6	NAVI-GND	6	SHIELD GND
7	NAVI-SEL	7	ORANGE
8	NAVI-IR	8	BROWN



PI	COLOR	
1	RED	R
2	GREEN	G
3	BLUE	B
4	WHITE	SYNC
5	BLACK	GND
6	N.C	
7	N.C	