L1 legrand

5 720 96

0 517 38

5 720 90

5 720 97
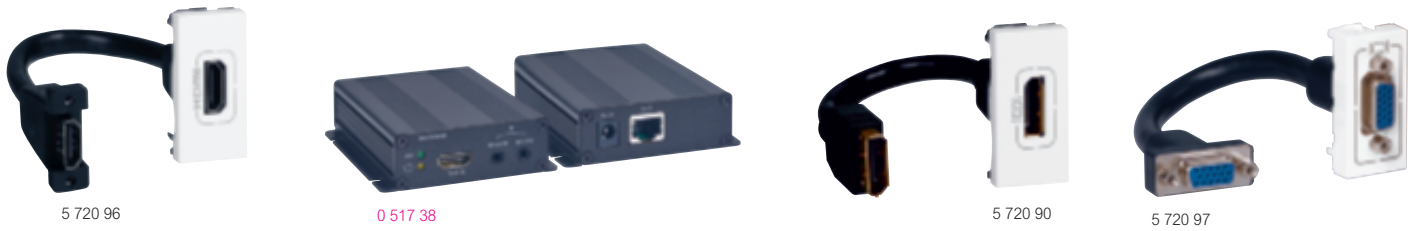
Support frame and plate selection charts **p. 398-405**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 397) and plates (p. 398 to 405)

HDMI type A sockets

Used to transmit high-definition digital audio/video streams between a source (Blu-ray player, computer) and a compatible receiver (TV, videoprojector...)

Preterminated sockets HDMI 1.4 - 1 module
Equipped with cord, length 15 cm

Pack	Square version	Round version	
1	5 720 96	-	○ White
1	5 725 96	-	● Magnesium

Preterminated sockets HDMI 1.4 - 2 modules
Equipped with cord, length 15 cm

Pack	Square version	Round version	
1	-	5 724 76	○ White
1	-	5 735 96	● Magnesium

Screw-type sockets HDMI 1.3 - 2 modules

Pack	Square version	Round version	
1	5 722 81[1]	5 722 85	○ White
1	5 727 81[1]	5 727 85	● Magnesium

HDMI extender

Pack	N
1	0 517 38

Extends HDMI audio/video signals up to 57 m at up to a 4 K resolution using HD BaseT Lite technology
Kit includes both transmitter and receiver with
link via a network cord RJ 45/RJ 45 (p. 701-707)
Supports 3D video, HDCP, 4K resolution, EDID passthrough and IR control, HD BaseT certified

Display port sockets

Used to transmit high-definition digital audio/video streams between a source (laptop, computer, etc) and a compatible receiver (TV, videoprojector...)

Preterminated socket - 1 module
Equipped with cord, length 15 cm

Pack	Square version	
1	5 720 90	○ White
1	5 725 90	● Magnesium

Preterminated socket - 2 modules
Equipped with cord, length 15 cm

Pack	Round version	
1	5 724 70	○ White
1	5 735 90	● Magnesium

HD15 + 3.5 mm Jack amplifier

Used to connect audio/video terminals more than 20 m apart up to 100 m
The video link is via an HD15 connector (resolution up to UXGA)
The stereo audio link is via a 3.5 mm Jack
The kit includes:
- 1 4-module transmitter equipped with an HD15 connector and a 3.5 mm Jack
- 1 4-module receiver equipped with an HD15 connector and a 3.5 mm Jack
- 1 4-module power supply to be connected on the mains then linked to the receiver or transmitter
The link between the transmitter and receiver is via a twisted pair cable

Pack	Square version	
1	5 723 70	○ White

HD15 sockets

Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (LCD, video projector, TV, etc...)

Preterminated sockets - 1 module
Equipped with cord, length 15 cm

Pack	Square version	Round version	
1	5 720 97	-	○ White
1	5 725 97	-	● Magnesium

Preterminated HD15 + 3.5 mm Jack sockets - 2 modules
Equipped with cord, length 15 cm

Pack	Square version	Round version	
1	-	5 724 78	○ White
1	-	5 733 78	● Magnesium

Screw-type female HD15 sockets 2 modules

Pack	Square version	Round version	
1	5 722 82[1]	5 722 89	○ White
1	5 727 82[1]	5 727 89	● Magnesium

Screw-type female HD15 + 3.5 mm Jack sockets - 2 modules

Pack	Square version	Round version	
1	5 722 88	-	○ White
1	5 727 88	-	● Magnesium

Solder-type female HD15 sockets 1 module
15 pin

Pack	Square version	Round version	
1	5 722 79	-	○ White
1	5 727 79	-	● Magnesium

Floor sockets see **p. 389**

1: Can be installed in receptacles for floor sockets p. 389

Audio/video system

audio/video sockets

0 787 78   0 787 77   0 787 70   0 787 99

Pack	Cat.Nos	
	Mosaic	Arteor

HDMI type A sockets

Used to transmit high-definition digital audio/video streams between a source (computer, Blu-Ray player,...) and a compatible receiver (TV, videoprojector,...)

Preterminated sockets HDMI 1.4 - 1 module
Equipped with cord, length 15 cm
○ White
● Alu
● Magnesium

Pack	Mosaic	Arteor
1	0 787 78	5 720 96
1	0 793 78	
1		5 725 96

Screw-type sockets HDMI 1.3 - 2 modules
○ White
● Alu
● Magnesium

Pack	Mosaic	Arteor
1	0 787 68[1]	5 722 81
1	0 792 75[1]	
1		5 727 81

HDMI extender

N 0 517 38

Extends HDMI audio/video signals up to 60m and up to a 4K resolution using HDBaseT Lite technology
Support of IR control allows a device to be remotely controlled
Kit includes :
- 1 transmetter
- 1 receiver
- 2 power adapters
- 2 IR emitter cables
- 2 IR receiver cables
Network cord RJ45/ RJ45 not included (see p. 701, 704, 705 or 707) for linking between transmitter and receiver
Supports 3D video, HDCP, 4K resolution, EDID pass through and IR control, HDBaseT certified

Pack		
1	0 517 38	

Display port sockets

Used to transmit high-definition digital audio/video streams between a source (laptop, computer, etc) and a compatible receiver (videoprojector, TV,...)

Preterminated socket - 1 module
Equipped with cord, length 15 cm
○ White
● Magnesium

Pack	Mosaic	Arteor
1	0 787 91	5 720 90
1		5 725 90

HD15 sockets

Used to transmit analog video streams (VGA, XGA, UXGA depending on graphic card) between a source (computer) and a compatible receiver (video projector, TV,...)

Preterminated sockets - 1 module
Equipped with cord, length 15 cm
○ White
● Alu
● Magnesium

Pack	Mosaic	Arteor
1	0 787 77	5 720 97
1	0 793 77	
1		5 725 97

**Screw-type female HD15 sockets
2 modules**
○ White
● Alu
● Magnesium

Pack	Mosaic	Arteor
1	0 787 57[1]	5 722 82
1	0 792 57[1]	
1		5 727 82

1: Can be installed in receptacles for floor sockets p. 389

HD15 sockets (continued)

**Screw-type female HD15 sockets
2 modules + 3.5 mm Jack**
○ White
● Magnesium

Pack	Mosaic	Arteor
1		5 722 88
1		5 727 88

**Solder-type female HD15 sockets
1 module**
15 pin
○ White
● Magnesium

Pack	Mosaic	Arteor
1	0 787 72	5 722 79
1		5 727 79

HD15 + 3.5 mm Jack amplifier

Used to connect audio/video terminals more than 20 m apart up to 100 m
The video link is via an HD15 connector (resolution up to UXGA)
The stereo audio link is via a 3.5 mm Jack
The kit includes:
- One 4-module transmitter equipped with an HD15 connector and a 3.5 mm Jack
- One 4-module receiver equipped with an HD15 connector and a 3.5 mm Jack
- One 4-module power supply to be connected on the mains then linked to the receiver or transmitter
The link between the transmitter and receiver is via a 4 twisted pair cable
○ White

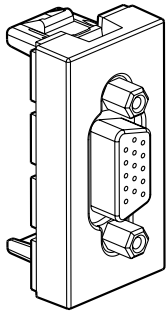| Pack	Mosaic	Arteor
1	0 787 70	5 723 70

Videoprojector switch

Universal remote switch allowing to turn ON or place in STANDBY mode a video projector
Works with all videoprojectors or TV through IR learning process
Installed close to the room's lighting switches, it replaces the constructors remote and fosters the ignition and extinction of the video projector therefore reducing energy consumption and extending the bulb's lifetime
○ White

Pack	Mosaic	Arteor
1	0 787 99	5 720 89

Patch panels, cables and cords,
See p. 724

LEGRAND

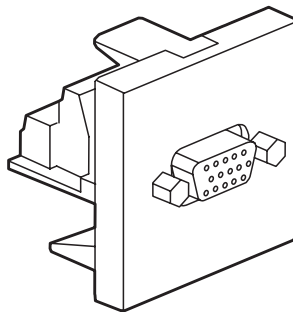87045 LIMOGES Cedex
Telephone: (+33) 05 55 06 87 87 - Fax: (+33) 05 55 06 88 88

Arteor™
HD15 socket

Cat. No(s): 5722 79/82/88/89
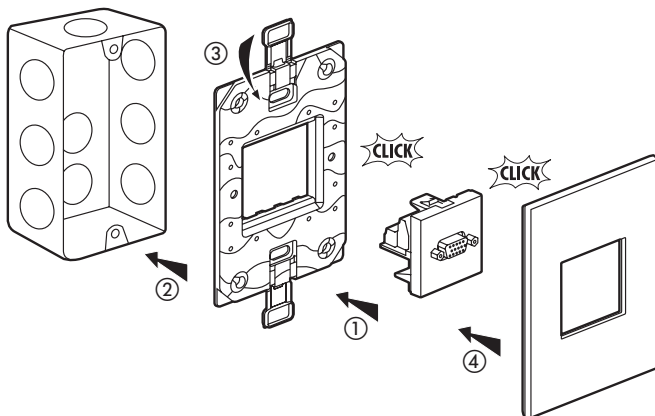**5727 79/82/88/89**

5722 79 - 5727 79   5722 82 - 5727 82

1. USE

For transmitting analogue video signals of VGA, XGA or VESA type.
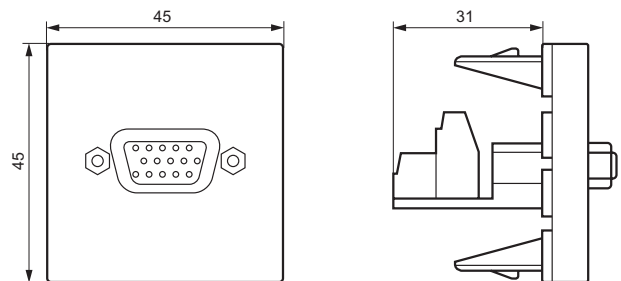VGA link of a computer monitor, plasma display, video projector, palette, etc.

2. RANGE

	Designation	Finishes		No. of modules	Fixing method	Connection method	Weight (g)
		White	Magnesium				
	Female HD15 socket	5722 79	5727 79	1	With clips	With screws	21.8
	Female HD 15 socket	5722 82	5727 82	2	With clips	With screws	32.6
	Female HD 15 + jack 3.5 socket square	5722 88	5727 88	2	With clips	With screws	40
	Female HD 15 + jack 3.5 socket round	5722 89	5727 89	2	With clips	With screws	44.2

3. PREPARATION

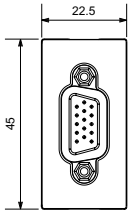The mechanisms can be flush-mounted or surface-mounted.

4. OVERALL DIMENSIONS

5722 82/88/89 - 5727 82/88/89

Technical sheet: F00731EN/00   Updated: Created: 16/07/2010

4. OVERALL DIMENSIONS *(suite)*

22.5

45

5722 79 - 5727 79

5. CONNECTION

Wide terminal strip taking a 1 mm^2 conductor max.
Supplied in a bag containing:
- 1 Colring tie
- ferrules to be crimped for conductor < 0.5 mm^2
- thermoformable sheaths
Cable bend radius: 35 mm.
Max. cable length: 20 m (beyond: recommendation for a VGA amplifier).

Stripping
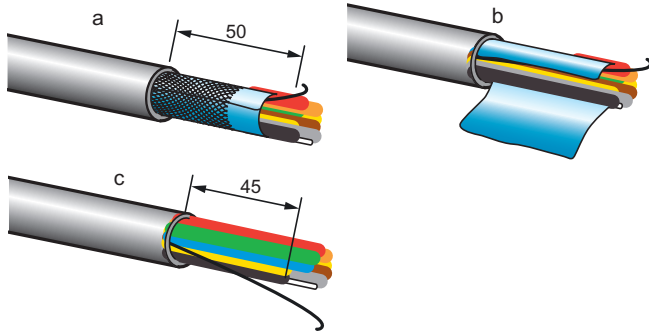Cords to be cut: 5 coaxial cables 75 Ω Ø 2.7 + 5 conductors Ø 2.7 Gauge 28.
a - Cable unsheating length: 50 mm
Recover the continuity wire of the cable's general shielding
b - Remove the braidand the aluminium shielding tape
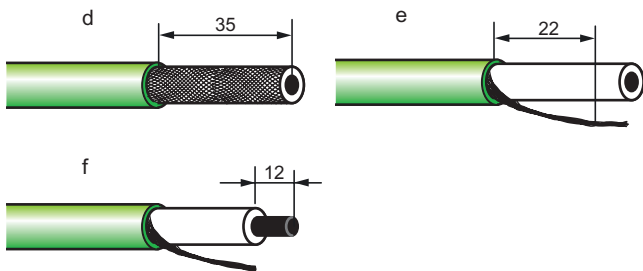c - Cut the coaxial cables at 45 mm (remove 5 mm).

a   50

b

c   45

d - Coaxial cable unsheating length: 35 mm (red, green, blue, yellow, black).
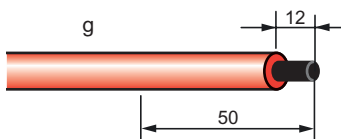e - Cut the braids at 22 mm (remove 13 mm)
Unbraid and then twist the strands.
f - Stripping length of coaxial cable cores: 12 mm

d   35

e   22

f   12

g - Single conductor stripping length :
12 mm (orange, violet, brown, white, grey)

g   12

50

5. CONNECTION *(continued)*

Wiring
Tools required: flat-blade screwdriver 0.4 x 2.5 mm and flat-nose pliers.
Insulate the braids and the continuity wire using the neoprene sleeves supplied, thread them into the ferrules supplied and crimp them using the flat-nose pliers. Fold the cables cores in two to ensure a better mechanical hold, thread them into the ferrules supplied and crimp them using the flat-nose pliers.
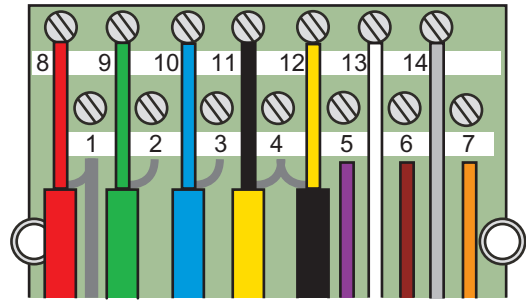Start by wiring the braids and the continuity wire, followed by the coaxial cable cores.
Finish with the single conductors.
Hold the cable mechanically using the cable clamp supplied.

Note: Pin No. 9 of the SUB D connector is not cabled.

Follow the wiring instructions below:

Cable's general shielding
 1 - Red ground   (Gnd R)
 2 - Green ground   (Gnd V)
 3 - Blue ground   (Gnd blue)
 4 - Yellow + black ground (Gnd SH + SV)
 5 - Violet   self test
 6 - Brown   ID bit 0
 7 - Orange   ID bit 2
 8 - Red coaxial cable   (R)
 9 - Green coaxial cable (V)
10 - Blue coaxial cable (B)
11 - Black coaxial cable (SH)
12 - Yellow coaxial cable (SV)
13 - White   ID Bit 1
14 - Grey   ID Bit 3

Arteor™
HD15 socket

Cat. No(s): 5722 79/82/88/89
5727 79/82/88/89

6. TECHNICAL CHARACTERISTICS

6.1 Mechanical characteristics
Impact tests: IK 04
Penetration by solid bodies/liquid: IP 40

6.2 Material characteristics
Base: Polycarbonate
Cover: ABS
Self-extinguishing: 650° C / 30 s

6.3 Climatic characteristics
Storage temperature: - 10° C to + 70° C
Operating temperature: - 5° C to + 50° C

7. CLEANING

Surface cleaning with a cloth
Do not use: acetone, tar remover, trichloroethylene

7.1 Resistance to cleaning agents
Resistance to the following agents:
- Hexane (EN 60669-1)
- Methylated spirits
- Soapy water
- Diluted ammonia
- Diluted pure bleach 10%
- Glass cleaning substance
- Pre-impregnated wipes.

7.2 Resistance to hospital-type cleaning agents
Resistance to the following agents:
- Anios
- Surfanios
- Bactilysine
- Diluted hydrogen peroxide 35%

Caution: A preliminary test should be carried out if other specific cleaning products are to be used

Technical sheet: F00731EN/00   Updated: Created: 16/07/2010   **L legrand**

SOMMAIRE   3/3