AUDIOVISUAL

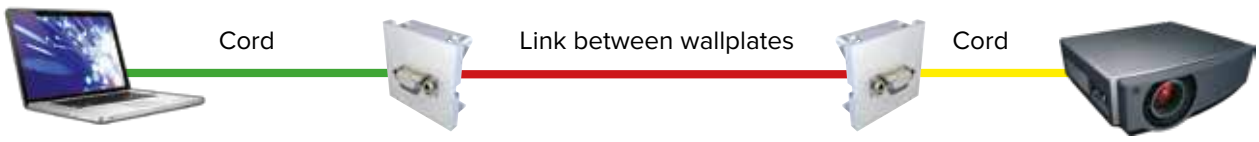
There are more and more audio and video needs in buildings.
Classrooms, offices and meeting rooms are increasingly fitted with audiovisual equipment, such as video projectors, interactive boards and sound systems.

These signals can be classified into 3 categories :

- Video signals : VGA, DVI, USB links
- Audio signals: Cinch, 3.50 mm stereo jack, XLR links.
- Audio Video signals : HDMI

S2CEB offers a range of cables, cords and wallplates able to meet all audiovisual needs of a building.

This range enables simple, fast installation and use.



To realize an audiovisual pre-cabling installation, we need to use:

WALLPLATES

WALLPLATE WITH WELDED CONNECTORS

This is the most economical solution.
It guarantees the best connection quality but requires precision welding expertise.
Size : 45 x 45

WALLPLATE WITH FEED-TROUGHT CONNECTOR

Implementation of the installation is very simple. The connection is made at the front and back of the wall plate with a cord. A conduit needs to be used which is sufficiently deep to receive a cord with a ferrite and permit connection of the cord to the back of the wall plate.
Size : 45 x 45

PRE-CABLED WALLPLATE

A simple solution and excellent quality connection. In this case, there is a cord connected at each end to a wall plate. This solution requires precise measurement and good definition of the type of connection desired.
Size : 45 x 45

WALLPLATE WITH TERMINAL

ultra-fast and very easy connection. Simply insert a cable, previously set to the terminal blocks of wall plate by following the wiring diagram.
Size : 45 x 45

CORDS

Cords are used throughout the installation to connect the devices to a patch, or to crosspatch them.

We offer a complete range of cords adapted to every link in a building: VGA, DVI, HDMI, audio, power...

According to their use, we offer different cord typologies:

CORDS WITH CONNECTORS AT EACH END

Male/ Male connectors

Male/ Female connectors

ADAPTER CORDS: DIFFERENT TYPES OF CONNECTORS AT EACH END

Connectors VGA to BNC

CORDS WITH A CONNECTOR TO CRIMPED CONDUCTORS

To connect directly to a wallplate with terminals. E.g. video projector

CORDS WITH CRIMPED CONDUCTORS AT EACH END

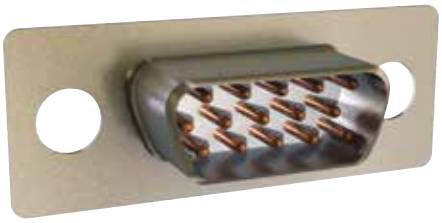
Ideal to interconnect faceplates

CONNECTORS

Without connectors, no possible links.

Each type of link uses its own connector.

Please note that the type of connector to use is determined by the input / output equipment connectors to connect.



SDB15HDP

VIDEO CONNECTORS

For VGA links: male & female HD15 sub D, VGA metal cover, BNC
For composite video: BNC & color boots.

RCAMOR

AUDIO CONNECTORS

For balanced audio link: male & female XLR, 3.50 mm stereo jack...
For unbalanced audio link: cinch.

ADAPTERS & COUPLERS

Adapters and couplers allow the direct connection between different types of cords and wallplates...
Its offer high degree of modularity during the installation.

- Male DVI I / Female VGA, Female DVI I / Male VGA adapters
- Female DVI D / Male HDMI, Male DVI D / Female HDMI adapters
- Female BNC / Male cinch, Male BNC / Female cinch adapters
- Straight Female / Female HDMI, Angled Female / Male couplers
- Straight or T BNC couplers
- Female / female cinch coupler

réf. ADVIFHDMIM

VGA LINKS

VGA (Video Graphics Array) is the computer display standard.
It allows to display computer screens on a video projector, a monitor...
This kind of link is used to display informations in meeting rooms, classrooms, waiting halls, train stations, airports...

There are several VGA standards. They differ by their display resolution, henceforth its dimensions.

Standard	Horizontal Resolution	Vertical Resolution	Pixel Number
WUXGA	1920	1200	2 304 000
UXGA	1600	1200	1 920 000
SXGA+	1400	1050	1 470 000
SXGA	1280	1024	1 310 720
WXGA	1366	768	1 049 088
XGA	1024	768	786 432
SVGA	800	600	480 000
WVGA	852	480	408 960
VGA	640	480	307 200

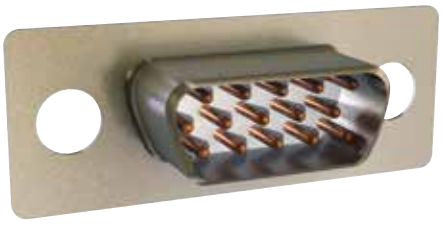
VGA OR FULL VGA: WHAT DIFFERENCES?

VGA standard supports picture resolutions up to1920 x 1080 pixels.
To transport these signals, cables made of 5 coax. are needed (e.g. MC05. AV5HD...) and cords made of 3 coax. + 4 wires.

Monitors with 16/9 or 16/10... ratios require to use cords made of 3 coax. and 8 wires.
They may need a 5V power voltage (via pin 9 of the D-Sub).
Full VGA requires 5-coax. + 6-wire cables (e.g. MCCFP) and CSVGA-type cords

VGA CONNECTORS

VGA links use most oftenly D-Sub 15-pin HD connectors.
Thanks to their compact dimensions (15 pins on 3 rows), these D-Sub can be mounted on many devices (monitors, laptops, video cards...).
Wires are soldered.



Sub D HD15 Male - réf. SDB15HDP

This format only allows to use small diameter coaxial cables.
To use large diameter cables (e.g. 5XVCB100), the only way is to use crimped BNC connectors.
It is then necessary to use adapters to connect on a VGA sub-D connector (e.g. BNC to VGA adapter).

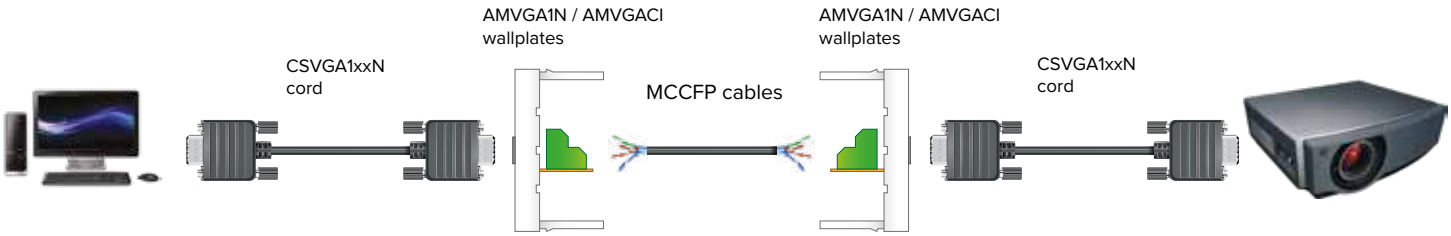
VGA CONNECTOR WIRING

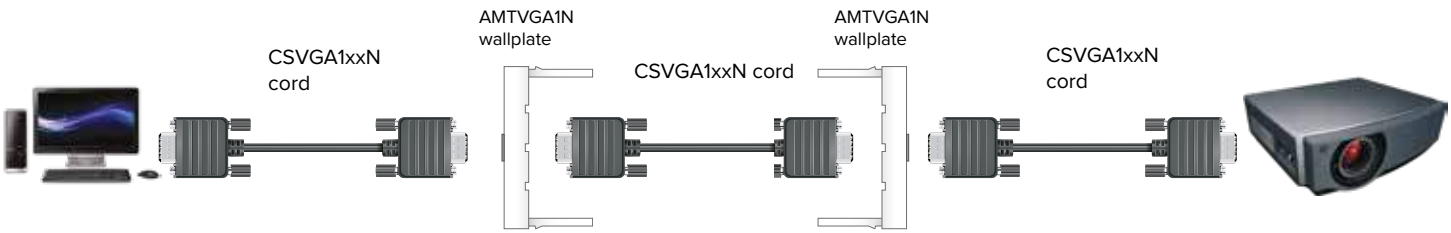
1. Video – red component
2. Video – green component
3. Video – blue component
4. Not connected
5. Ground
6. Ground – red component
7. Ground – green component
8. Ground – blue component
9. +5V Power
10. Sync ground
11. Monitor ID
12. DDC SDA
13. Horizontal sync
14. Vertical sync
15. DDC SCL

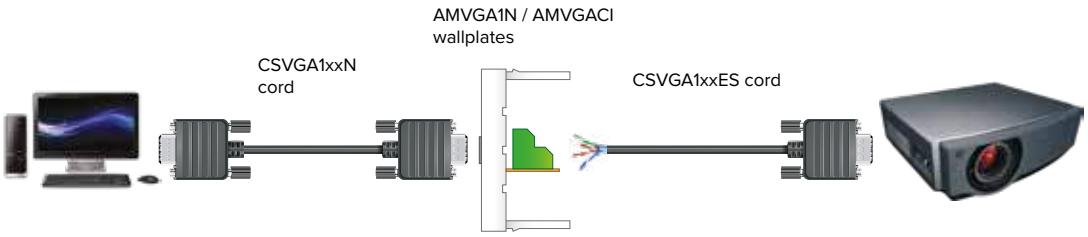
What we offer a wide range of VGA wallplates and wallplates combining VGA and audio connections (cinch or 3.50 mm stereo jack).

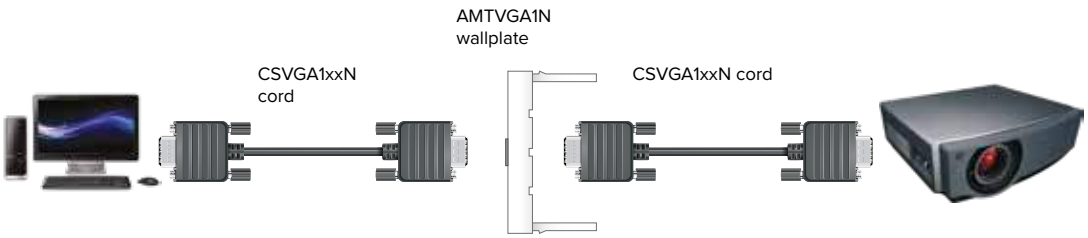
OUR PRODUCT OFFERS

We offer a wide range of VGA wallplates.







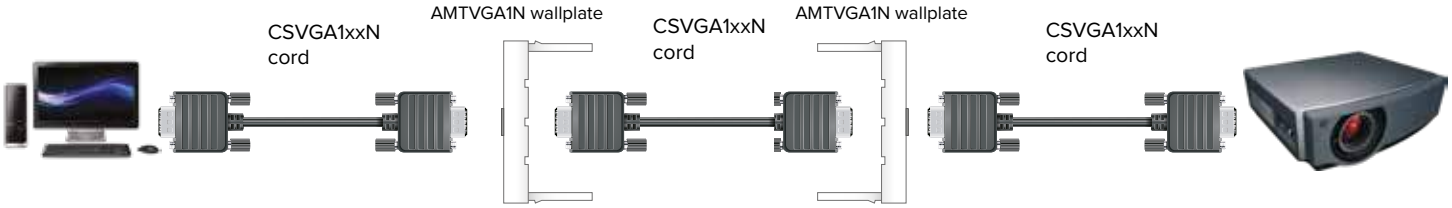


Type of wallplate	Type of connection	Part nb	Recommanded cable	Recommanded cord	Technical constraints
VGA	Soldered	AMVGA1N	MCCFP	-	Length max. 30 m
VGA	Feed-throught	AMTVGA1N	-	CSVGA1xxN	Length max. 30 m
VGA	With terminal	AMVGACI	MCCFP	CSVGA1xxES MCCFP1xxNC	Length max. 30 m Length max. 30 m
VGA	With cord with female plug – 0.20 m	AMVGA2020N	-	CSVGA1xxN	Length max. 30 m

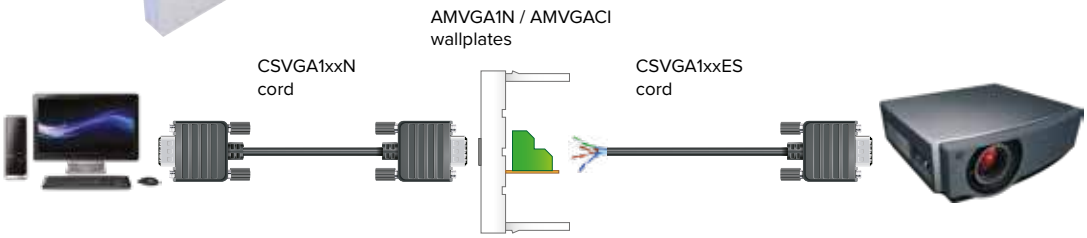
VGA WALLPLATES

Our wallplates' dimensions are: 45 x 45mm.
Their 4 fixing points suppress any tearing risk.

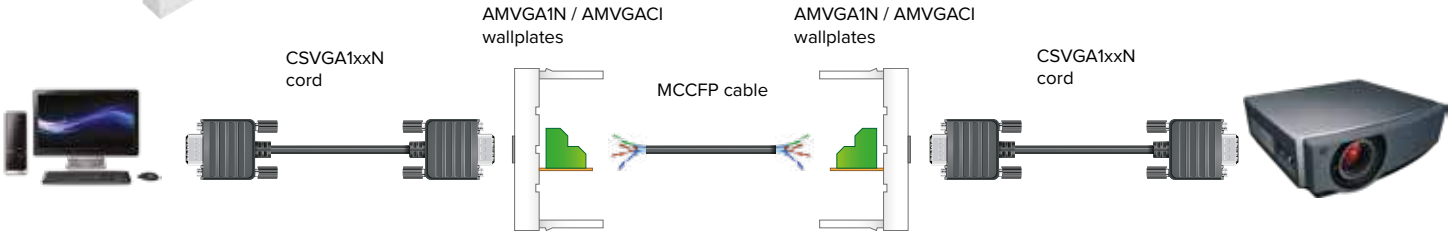
Designation	Connexion mode	To be used with:	Part nb
Female / female VGA wallplate with crossing	Direct link with cord	Full VGA cords, type: CSVGA1xx	AMTVGA1N



Designation	Connexion mode	To be used with:	Part nb
Wallplate with female VGA socket	Soldered	VGA cable, type: MCCFP	AMVGA1N



Designation	Connexion mode	To be used with:	Part nb
Wallplate with female VGA socket	With terminal	Cords with crimped ends, type: CSVGA1xxES ...	AMVGACI



FULL VGA WALLPLATES WITH CORDS

VGA WALLPLATE WITH VGA FEMALE CORD

VGA connector width requires to use a 50-mm sheath/conduit.

Designation	Part nb	Packaging
Wallplate with VGA female socket and Full VGA female cord – 0.20 m	AMVGA2020N	1 unit

FULL VGA WALLPLATE WITH VGA MALE CORD

VGA connector width requires to use a 50-mm sheath/conduit.

Designation	Part nb	Packaging
Wallplate with VGA female socket and Full VGA male cord – 5 m	AMVGA15N	1 unit
Wallplate with VGA female socket and Full VGA male cord – 10 m	AMVGA110N	1 unit
Wallplate with VGA female socket and Full VGA male cord – 15 m	AMVGA115N	1 unit

FULL VGA WALLPLATE WITH MOULDED VGA MALE CORD

VGA connector width requires to use a 50-mm sheath/conduit.

Designation	Part nb	Packaging
Wallplate with VGA female socket and moulded Full VGA male cord – 5 m	AMCSVGA15N	1 unit
Wallplate with VGA female socket and moulded Full VGA male cord – 10 m	AMCSVGA110N	1 unit
Wallplate with VGA female socket and moulded Full VGA male cord – 15 m	AMCSVGA115N	1 unit

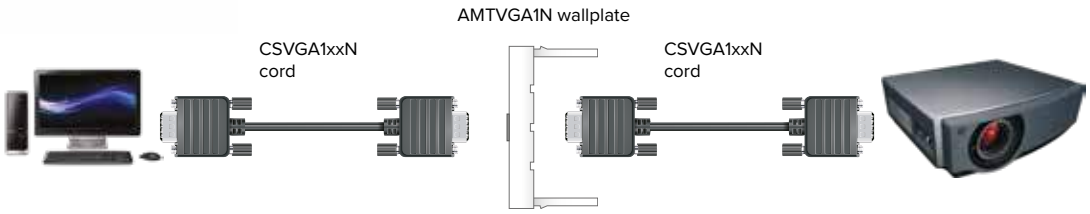
FERRITE COIL

You will find a ferrite coil on all the VGA, HDMI and DVI cords we offer.
This magnetic ceramic acts as a filter, to suppress induced interferences. It acts an inductive/resistive circuit, and absorbs HF parasites by Joule effect – which ensures a better quality signal.

VIDEO VGA CORDS

MOULDED FULL VGA MALE / MALE CORDS

These cords can be used to connect 2 VGA faceplates with a crossing socket – réf. AMTVGA1N.
VGA connector width requires to use a 50-mm sheath/conduit.

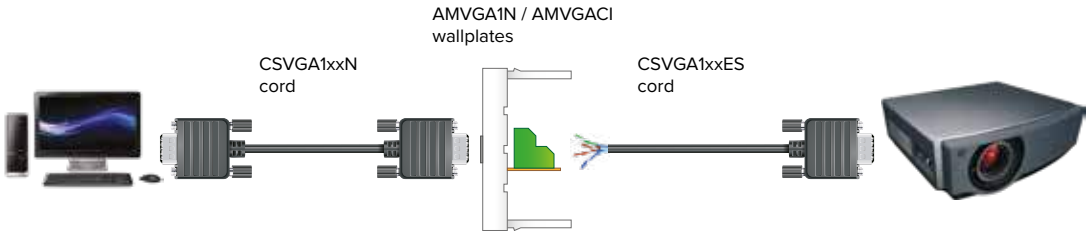


Connector 1	Connector 2
Male moulded HD15 with ferrite	Male moulded HD15 with ferrite

Designation	Part nb	Packaging
Moulded FULL VGA HD15 Cord – Male/ Male – 1 m	CSVGA 11N	1 unit
Moulded FULL VGA HD15 Cord – Male/ Male – 2 m	CSVGA 12N	1 unit
Moulded FULL VGA HD15 Cord – Male/ Male – 3 m	CSVGA 13N	1 unit
Moulded FULL VGA HD15 Cord – Male/ Male – 5 m	CSVGA 15N	1 unit
Moulded FULL VGA HD15 Cord – Male/ Male – 10 m	CSVGA 110N	1 unit
Moulded FULL VGA HD15 Cord – Male/ Male – 15 m	CSVGA 115N	1 unit
Moulded FULL VGA HD15 Cord – Male/ Male – 20 m	CSVGA 120N	1 unit
Moulded FULL VGA HD15 Cord – Male/ Male – 30 m	CSVGA 130N	1 unit

MOULDED FULL VGA MALE / CRIMPED TERMINALS CORDS

These cords are compatible with VGA wallplates with terminals – réf. AMVGACI.
They are wired in our workshop, and supplied with wiring plan.
Sheath/conduit width to host this type of cord is 32mm

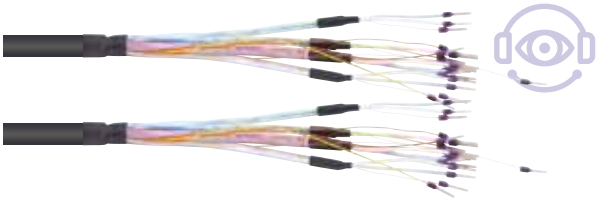


Connector 1	Connector 2
Male moulded HD15 with ferrite	Crimped terminals

Part nb	Length	Packaging
Moulded FULL VGA HD15 Cord – Male/ crimped terminals – 5 m	CSVGA 15ES	1 unit
Moulded FULL VGA HD15 Cord – Male/ crimped terminals – 10 m	CSVGA 110ES	1 unit
Moulded FULL VGA HD15 Cord – Male/ crimped terminals – 15 m	CSVGA 115ES	1 unit
Moulded FULL VGA HD15 Cord – Male/ crimped terminals – 20 m	CSVGA 120ES	1 unit
Moulded FULL VGA HD15 Cord – Male/ crimped terminals – 30 m	CSVGA 130ES	1 unit

VGA CORDS AND ADAPTERS

FULL VGA CORDS CRIMPED TERMINALS / CRIMPED TERMINALS



These cords can be used to connect 2 VGA wallplates with terminals – réf. AMVGACI.
They are wired in our workshop, and supplied with wiring plan.
Sheath/conduit width to host this type of cord is 20 mm

Connector 1	Connector 2	Cable
Crimped terminals	Crimped terminals	MCCFP

Designation	Part nb	Packaging
FULL VGA Cord – Crimped terminals/ Crimped terminals – 5 m	MCCFP 15NC	1 unit
FULL VGA Cord – Crimped terminals/ Crimped terminals – 10 m	MCCFP 110NC	1 unit
FULL VGA Cord – Crimped terminals/ Crimped terminals – 15 m	MCCFP 115NC	1 unit
FULL VGA Cord – Crimped terminals/ Crimped terminals – 20 m	MCCFP 120NC	1 unit
FULL VGA Cord – Crimped terminals/ Crimped terminals – 25 m	MCCFP 125NC	1 unit
FULL VGA Cord – Crimped terminals/ Crimped terminals – 30 m	MCCFP 130NC	1 unit

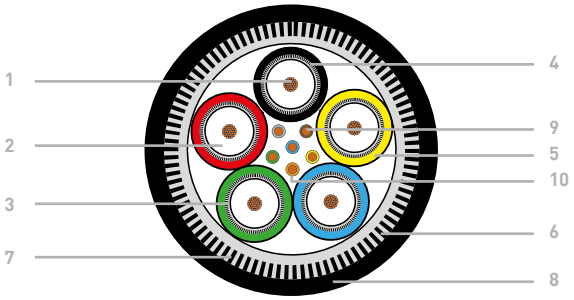
FULL VGA VIDEO CABLE

MCCFP

MCCFP

Product advantages

- Mobile and fixed installations
- Full VGA links
- VGA or multi-channel composite video links lower at 30 m



COAXIAL 75 Ω

1. Core: bare copper
2. Conductor insulation : cellular PE
3. 1st Shielding: Aluminium foil
4. 2nd Shielding: Tin-plated copper braid
5. Color coding inner coaxial cables: red, green, blue, white & black - Ø 2.80 mm

6. 1st Shielding: Aluminium foil
7. 2nd Shielding: Tin-plated copper braid
8. Plenum jacket: Black PVC - Ø 9.60 mm

CONDUCTORS

9. Core: Tin-plated copper
10. Plenum jacket: PVC vert, blue, jaune, orange, marron, grey - Ø 0.82 mm

Suitable plugs

BNC: DMC75xx Serie

Crimp tool : PBNCC

Sleeves : M50BRx

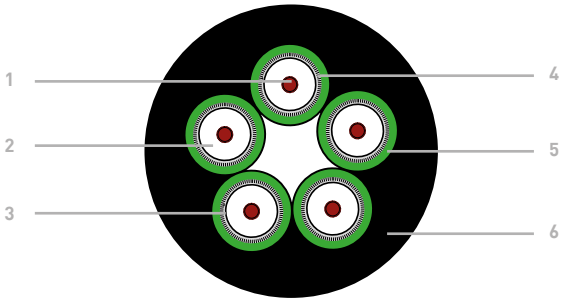
Male HD Sub D: SDB15HDP

Female HD Sub D: SDB15HDS

Part nb	Nb of coaxial cables	Nb of conductors	Jacket	Outer Ø	Weight	Packaging
MCCFP	5	6	Black PVC	Ø 9.60 mm	95 kg / km	Custom length

VGA VIDEO CABLES

5XVCB100



Product advantages

- 5VCB75 : fixed installation over distances longer than 30 m
- 5xVCB100 : fixed installations, mobile applications and very long distances (over 300m)

5VCB75
1. Core: Barre copper – 1 x 0.80 mm
2. Insulation: Cellular PE
3. Coaxial shielding: Alu foil + tin plated copper braid
4. Out. Ø coax.: 6.10 mm
5. Identification of inner coaxial cables: By number 1 to 5
6. Outer jacket: black PVC – Ø 18.60 mm

5XVCB100
1. Core: Barre copper – 7 x 0.40 mm
2. Insulation: Cellular PE
3. Coaxial shielding: Alu foil + tin plated copper braid
4. Out. Ø coax.: 6.90 mm
5. Identification of inner coaxial cables: By number 1 to 5
6. Outer jacket: black PVC – Ø 22.00 mm

Suitable plugs

BNC

Crimp tool

Sleeves

Cable Part nb	BNC Part nb	Sleeve Part nb	Crimping tool
5VCB75	DVCB75HQ	M75Bx	PBNCS
5XVCB100	DVCB100HQ	M100Bx	

Applying regulation data

- Conform to EN50575 : 2014 + A1 : 2016

Part nb	Nb of coax.	Jacket	Out. Ø	Weigth	Packaging
5VCB75	5	Black PVC	18.60 mm	417 kg / km	Custom length
5xVCB100	5	Black PVC	22.00 mm	520 kg / km	Custom length

VGA VIDEO CONNECTORS

VGA CONNECTORS

Designation	Part nb	Packaging
Male 15-pin D-Sub HD solder version	SDB15HDP	1 unit
Female 15-pin D-Sub HD solder version	SDB15HDS	1 unit

CAP FOR VGA CONNECTORS

Designation	Part nb	Packaging
Metal cap for 15-pin D-Sub HD	CAPOTVGA	1 unit

BNC CONNECTORS

DMC75S

Designation	Cables	Part nb	Packaging
Crimp straight male BNC	MCCFP	DMC75S	1 unit
Crimp straight male BNC – high quality	MCCFP	DMC75HQ	1 unit
Crimp straight male BNC	5VCB75	DVCB75MS	1 unit
Crimp straight male BNC – high quality	5VCB75	DVCB75HQ	1 unit
Crimp straight male BNC	5XVCB100	DVCB100SN	1 unit
Crimp straight male BNC – high quality	5XVCB100	DVCB100HQ	1 unit

COLOR CODING BOOTS

Designation	Cables	Part nb	Packaging
Color boots: N: black – R: red – V: green – B: blue – J: yellow	MCCFP	M50BRx	10 units
Color boots: N: black – R: red – V: green – B: blue – J: yellow	5VCB75	M75Bx	10 units
Color boots: N: black – R: red – V: green – B: blue – J: yellow	5xVCB100	M100x	10 units

BNC CRIMP TOOLS

PBNCC

Designation	Cables	Part nb	Packaging
Crimp tool	MCCFP	PBNCC	1 unit
Crimp tool	5VCB75 – 5xVCB100	PBNCS	1 unit

VGA ADAPTERS

Adapters offer many possibilities.

They are used to link up cords, to extend their length (caution: losses possible!)
Signal degradation consecutive to link breakage may reach 3 or 4 dB.

They are used to modifiy the connector typology
e.g. VGA plug to BNC plug, or VGA format to DVI.

VGA

AVGAFF

Designation	Part nb	Packaging
Male VGA / Male VGA adapter	AVGAFF	1 unit
Male VGA / Male VGA adapter	AVGAMM	1 unit

VGA / BNC

CSVGAB1020

Designation	Part nb	Packaging
Male VGA / 5 x male BNC cord – 0.20 m	CSVGAB2020	1 unit
Male VGA / 5 x male BNC cord – 2 m	CSVGAB22	1 unit
Male VGA / 5 x male BNC cord – 0.20 m	CSVGAB1020	1 unit
Male VGA / 5 x male BNC cord – 2 m	CSVGAB12	1 unit
Male VGA / 5 x male BNC cord – 0.20 m	CSVGAFB1020	1 unit
Male VGA / 5 x male BNC cord – 2 m	CSVGAFB12	1 unit
Male VGA / 5 x male BNC cord – 0.20 m	CSVGAFB2020	1 unit
Male VGA / 5 x male BNC cord – 2 m	CSVGAFB22	1 unit

VGA / DVI

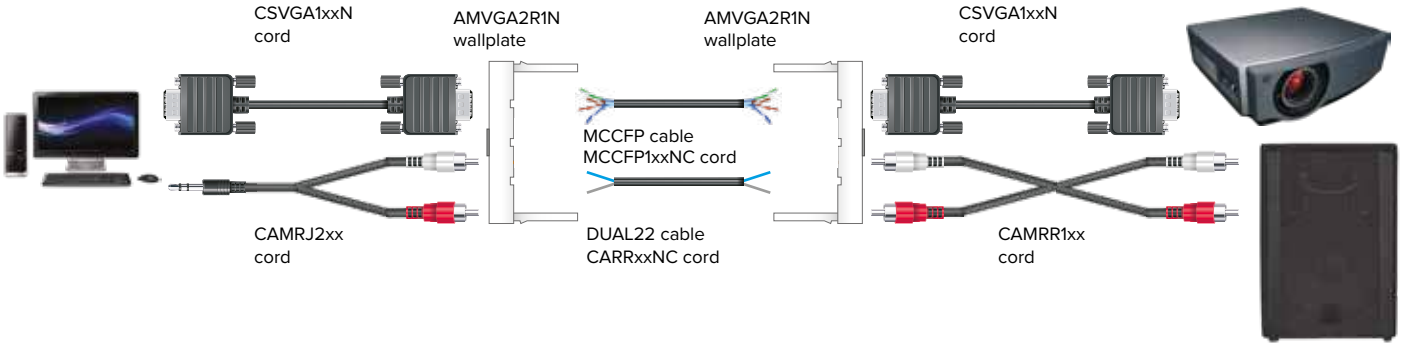
ADVIFMD15M

Designation	Part nb	Packaging
Male VGA / Male DVI I adapter	ADVIMHD15F	1 unité
Male VGA / Male DVI I adapter	ADVIFHD15M	1 unité

VGA + AUDIO 2 CINCHS WALLPLATES

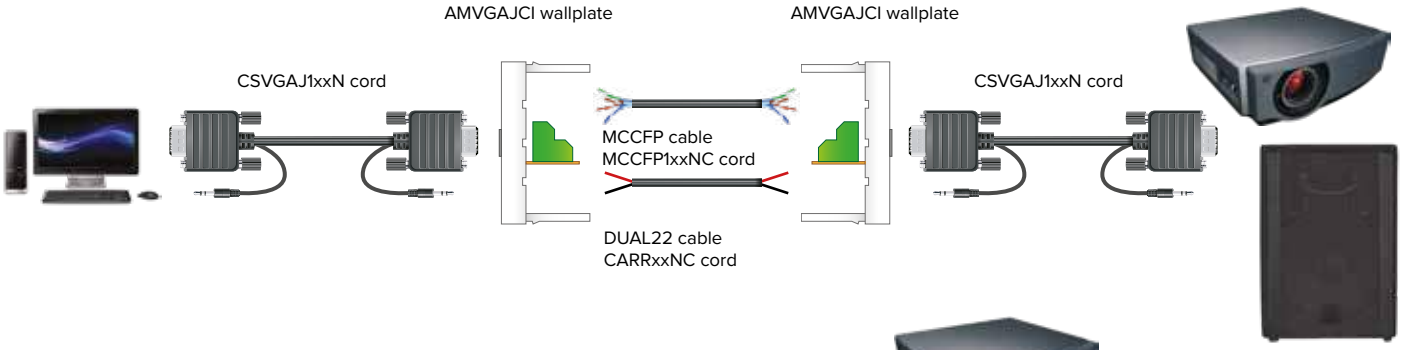
The VGA + audio link is used to connect, via a single link, your PC's video card to a video projector, and your PC's audio output to speakers.

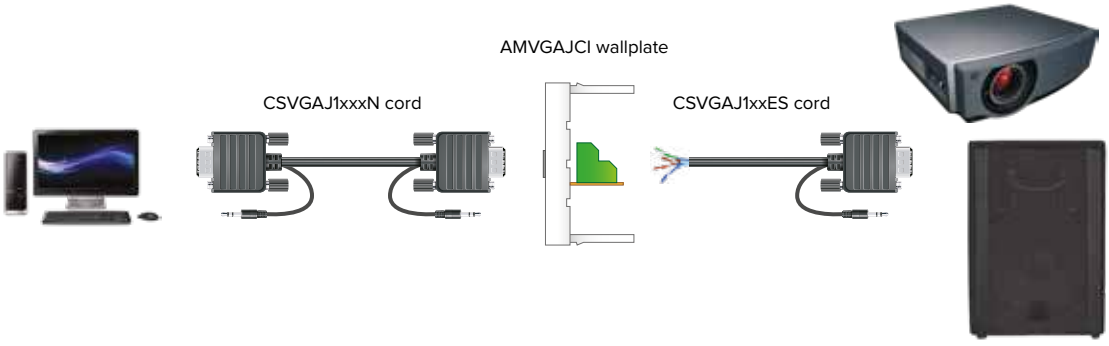
Designation	Connexion mode	To be used with:	Part nb
Wallplate with female VGA socket + 2 cinchs female (red/white)	Soldered	Cable VGA Type: MCCFP Cables Audio Type: DUAL22...	AMVGA2R1N



VGA + AUDIO 3.50MM STEREO JACK WALLPLATES

Designation	Connexion mode	To be used with:	Part nb
Wallplate with female VGA socket + 3.50 mm female stereo jack	Soldered	Cables VGA Type : MC05, MCCFP Audio Cables Type : CA40...	AMVGAJ1N
Wallplate with female VGA socket + 3.50 mm female stereo jack	With terminal	Cords Full VGA Type : CSVGA-J1xxES. CSVGAJ1xxNC Audio Cords Type : CAJJ3xxES	AMVGAJCI





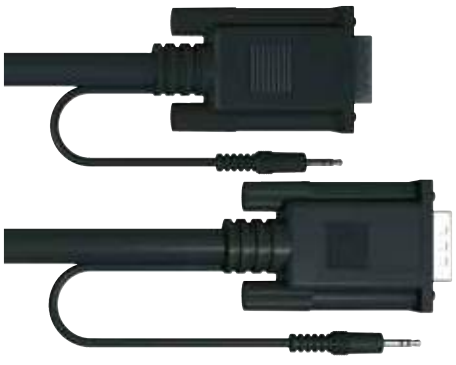
VGA + AUDIO 3.50 mm STEREO JACK WALLPLATE WITH FEMALE CORD

Designation	Part nb	Packaging
Wallplate with female Full VGA socket + 3.50 mm stereo jack female socket and Full VGA female with female Full VGA cord + 3.50 mm stereo jack female cord – 0.20 m	AMVGAJ2020N	1 unit

VGA + AUDIO 3.50 mm STEREO JACK WALLPLATES WITH MALE CORDS

Designation	Part nb
Wallplate with female Full VGA socket + 3.50 mm female stereo jack with male cord	AMCSVGAJ15N
Wallplate with female Full VGA socket + 3.50 mm female stereo jack with male cord	AMCSVGAJ110N
Wallplate with female Full VGA socket + 3.50 mm female stereo jack with male cord	AMCSVGAJ115N

FULL VGA + AUDIO MOULDED CORDS - MALE / MALE



The 3.50 mm stereo jack audio cord has 2 different lengths, for an easier connexion.
PC-side, length is 30 cm (to reduce cable clutter). On the other side, length is 60 cm (to connect to speakers more easily).

Connector 1	Connector 2
Moulded male HD15 with ferrite + stereo 3.50 mm jack – 60 cm	Moulded male HD15 with ferrite + stereo 3.50 mm jack – 30 cm

Part nb	Length	Packaging
CSVGAJ12N	2 m	1 unit
CSVGAJ13N	3 m	1 unit
CSVGAJ15N	5 m	1 unit
CSVGAJ110N	10 m	1 unit
CSVGAJ115N	15 m	1 unit
CSVGAJ120N	20 m	1 unit

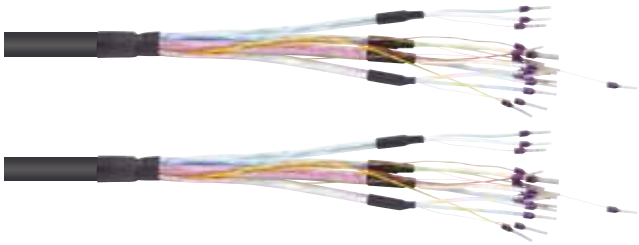
MOULDED FULL VGA + 3.50 mm STEREO JACK CORDS – MALE / CRIMPED TERMINALS

These cords are used to connect directly a VGA faceplate with terminal – Art. Number AMVGACI – to a display.
To use this kind of cord, sheath width must be at least 32mm.

Connector 1	Connector 2
Moulded Male HD15 with ferrite + stereo 3.50 mm jack – 60 cm	Crimped terminals

Designation	Length	Part nb
FULL VGA moulded HD15 + 3.50 mm stereo Jack / Crimped terminals	5 m	CSVGAJ15ES
FULL VGA moulded HD15 + 3.50 mm stereo Jack / Crimped terminals	10 m	CSVGAJ110ES
FULL VGA moulded HD15 + 3.50 mm stereo Jack / Crimped terminals	20 m	CSVGAJ120ES

FULL VGA + 3.50 MM STEREO JACK CORDS – CRIMPED TERMINALS / CRIMPED



These cords are used to connect 2 VGA wallplates with terminals – réf. AMVGACI.
They are wired in our workshop, and supplied with wiring plan.
Sheath/conduit width to host this type of cord is 30 mm.

Connector 1	Connector 2
Crimped terminals	Crimped terminals

Designation	Length	Part nb
FULL VGA HD15 + 3.50 mm stereo Jack - crimped terminals / crimped terminals	5 m	CSVGAJ15NC
FULL VGA HD15 + 3.50 mm stereo Jack - crimped terminals / crimped terminals	10 m	CSVGAJ110NC
FULL VGA HD15 + 3.50 mm stereo Jack - crimped terminals / crimped terminals	20 m	CSVGAJ120NC

HDMI LINKS

The HDMI interface is used to transmit audio, video and control signals with great performances.
It's a fully digital technology (no data rate reduction, no conversion), compatible with high-end HD video and audio standards.
A 'one-cable' solution: A single HDMI cable replaces 8 audio cables and 5 video cables.

The HDMI link is mostly used with these devices:
– Blu–ray and HD-DVD players
– DVD players with progressive output
– Digital decoders ("set-up boxes") for cable and satellite TV, MPEG4-compatible
– LCD ans plasma TV sets, HD video projectors
– PC video cards
– AV receivers
– Digital cameras and camcorders

Version	Specificities
HDMI 1.3	Increased bandwidth: 10.2 Gbp/s 48-bit color depth DTS–HD & Dolby True HD support (on Blu–ray discs)
HDMI 1.4	3D compatible Compatible with very high resolution, like UHD or 4K: 4096 x 2160 pixels @24Hz and 3840 x 2160 pixels @ 30Hz New functionalities, like Ethernet and ARC (audio return: the TV set sends its tuner's audio signal to the AV receiver, without any additional cable)
HDMI 2.0	Specifications published in September 2013. Increased bandwidth: 18 Gbps, compatible with 3D video in UHD or 4K format, plus 32 audio channels.

THE HDMI PLUG

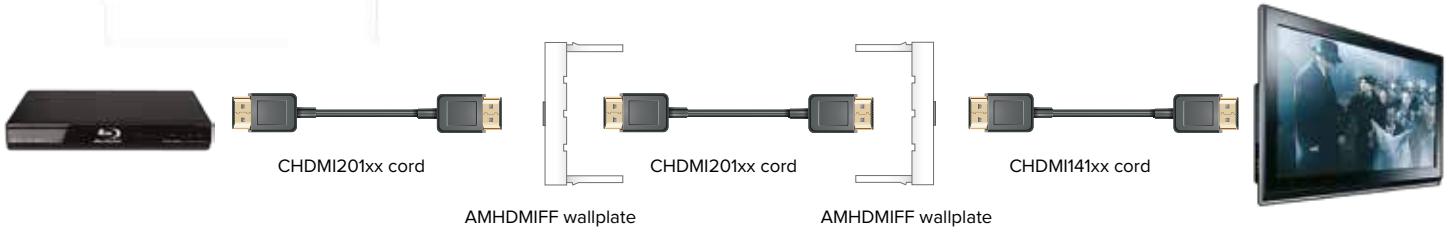
HDMI links use a miniature 19-pin plug (A-Standard). Unlike the VGA plug, the HDMI connector is not lockable.

Wiring diagram

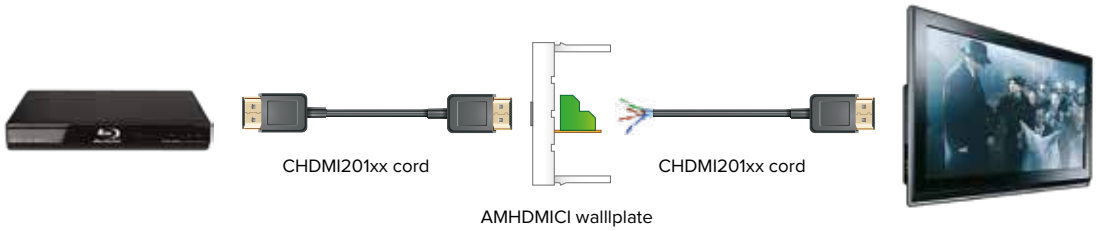
1. TMDS Data 2+	6. TMDS Data 1-	11. TMDS Clock shield	16. SDA
2. TMDS Data 2 shield	7. TMDS Data 0+	12. TMDS Clock-	17. DDC/CEC Ground
3. TMDS Data 2-	8. TMDS Data 0 shield	13. CEC	18. +5v Power
4. TMDS Data 1+	9. TMDS Data 0	14. Reserved	19. Hot plug detect
5. TMDS Data 1 shield	10. TMDS Clock+	15. SCL	

HDMI WALLPLATES

Designation	Connexion mode	To be used with:	Part nb
Female / female HDMI wall-plate with crossing socket	Direct link with cord	2.0 HDMI cords type : CHDMI201xx	AMHDMIFF



Designation	Connexion mode	To be used with:	Part nb
Wallplate with female HDMI socket	With terminal	2.0 HDMI cords type : CHDMI201xxES CHDMI201xxNC	AMHDMICI



HDMI / DVI

ADVIFHDMIM

Designation	Part Nb	Packaging
Male DVID / Female HDMI adapter	ADVIFHDMIM	1 unit
Female DVID / Male HDMI adapter	ADVIMHDMIF	1 unit

HDMI WALLPLATE WITH FEMALE CORD

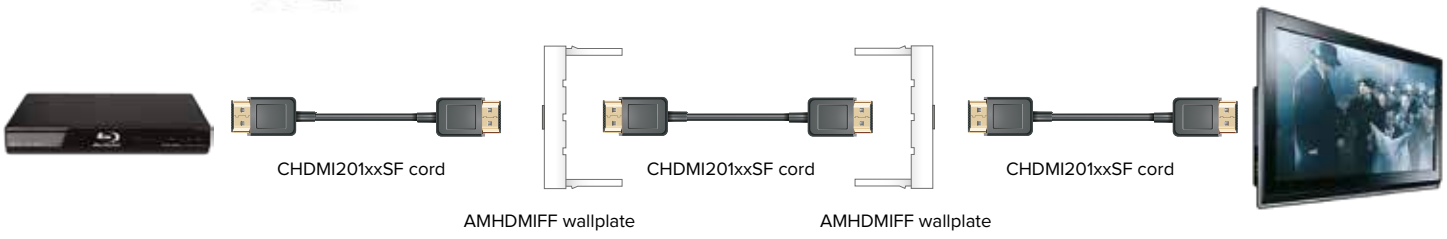
This type of cord requires a 40mm-wide sheath/conduit.

Designation	Part nb
Wallplate with a female HDMI socket and a female HDMI cord – 0.20 m	AMHDMI2020

CORDONS HDMI

CORDONS HDMI 2.0 – MÂLE / MÂLE

These cords can be used to connect 2 HDMI wallplates with crossing socket
— Part Number : AMHDMIFF

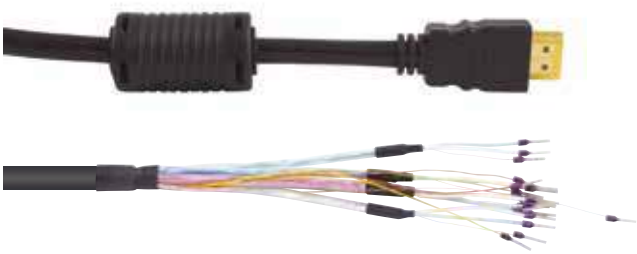


Connector 1	Connector 2
Moulded male 2.0 HDMI	Moulded male 2.0 HDMI

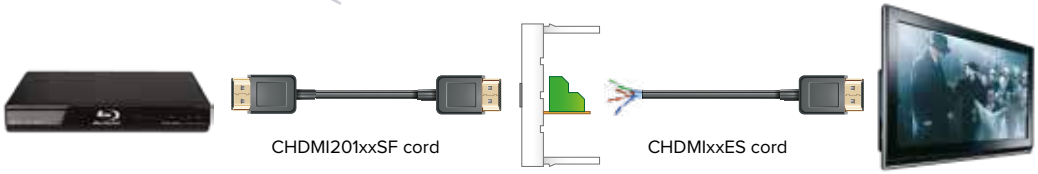
Designation	Part Nb	Packaging
HDMI 2.0 cord – male / male – 1 m	CHDMI2011SF	1 unit
HDMI 2.0 cord – male / male – 2 m	CHDMI2012SF	1 unit
HDMI 2.0 cord – male / male – 3 m	CHDMI2013SF	1 unit
HDMI 2.0 cord – male / male – 5 m	CHDMI2015SF	1 unit
HDMI 2.0 cord – male / male – 10 m	CHDMI20110SF	1 unit
HDMI 2.0 cord – male / male – 15 m	CHDMI20115SF	1 unit
HDMI 2.0 cord – male / male – 20 m	CHDMI20120SF	1 unit

HDMI CORDS

HDMI 2.0 CORDS – MALE / CRIMPED TERMINALS



These cords are used to connect an HDMI wallplate with terminals – Part nb. AMHDMICI – directly to a display.
Each cord is supplied with its connexion plan, for an easier installation.
This type of cord requires a 32mm-wide sheath.

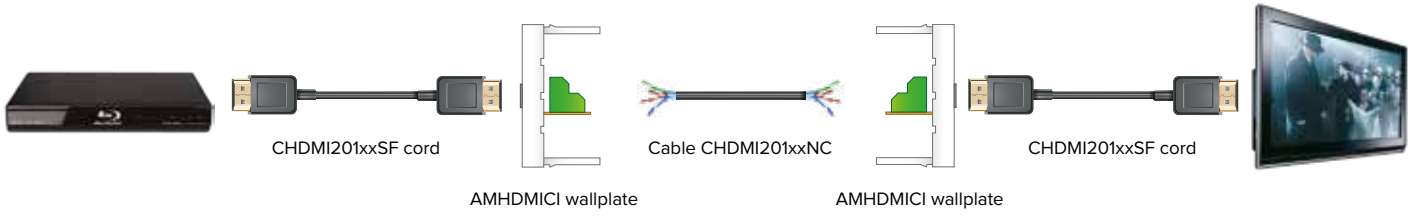


Connector 1	Connector 2
Moulded male HDMI with ferrite	Crimped terminals

Designation	Part nb	Packaging
HDMI 2.0 cord – Male connector / crimped terminal – 5 m	CHDMI2015ES	1 unit
HDMI 2.0 cord – Male connector / crimped terminal – 10 m	CHDMI20110ES	1 unit
HDMI 2.0 cord – Male connector / crimped terminal – 15 m	CHDMI20115ES	1 unit

HDMI 2.0 CORDS – CRIMPED TERMINALS / CRIMPED TERMINALS

These cords are used to interconnect 2 HDMI wallplates with terminals – Part nb. AMHDMICI.
Each cord is supplied with its connexion plan, for an easier installation.
This type of cord requires a 25mm-wide sheath.



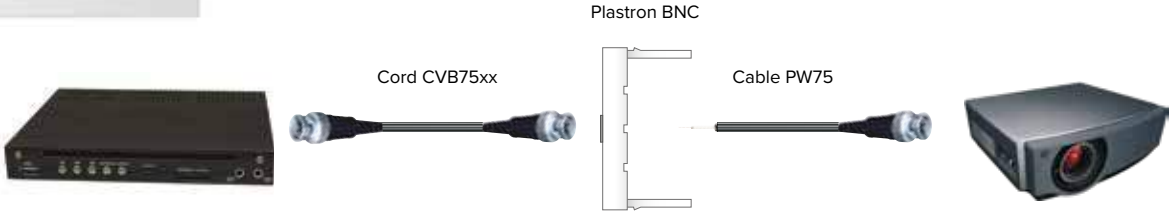
Connector 1	Connector 2
Crimped terminal	Crimped terminal

Designation	Part nb	Packaging
HDMI 2.0 cord with ferrite – Crimped terminal – 5 m	CHDMI2015NC	1 unit
HDMI 2.0 cord with ferrite – Crimped terminal – 10 m	CHDMI20110NC	1 unit
HDMI 2.0 cord with ferrite – Crimped terminal – 15 m	CHDMI20115NC	1 unit

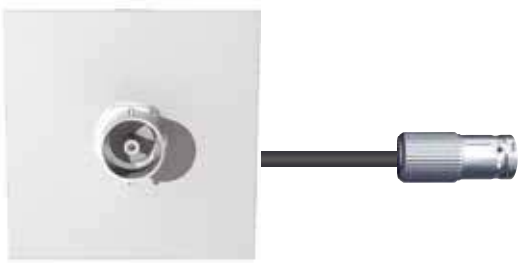
COMPOSITE VIDEO LINKS

BNC WALLPLATES

Designation	Connexion mode	To be used with	Part nb
Wallplate with female BNC socket	Soldered	Video cables: PW75, UHD0628LSZH	AM1B1N
Wallplate with female BNC socket	With terminal	BNC cords type: CHD0628LS1xxES, CHD0628LS1xxNC	AM1B1CI

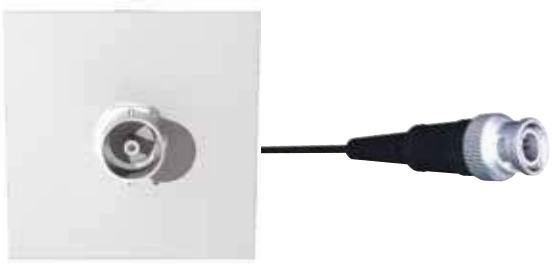


BNC WALLPLATE WITH FEMALE CORD



Designation	Part nb	Packaging
Wallplate with BNC female socket and BNC female cord – 0.20m	AM1B2020N	1 unit

BNC WALLPLATES WITH MALE CORDS



Cable	Connector 1	Connector 2
UHD0628LSZH	Wallplate with solder female BNC socket	BNC male (crimp) – NBNC75BFG7

Designation	Part nb	Packaging
Wallplate with BNC female socket and a BNC male HD video cord – 5 m	AM1B15N	1 unit
Wallplate with BNC female socket and a BNC male HD video cord – 10 m	AM1B110N	1 unit
Wallplate with BNC female socket and a BNC male HD video cord – 15 m	AM1B115N	1 unit
Wallplate with BNC female socket and a BNC male HD video cord – 20 m	AM1B120N	1 unit

ANALOG & DIGITAL VIDEO CORDS - BNC / BNC

Connector 1	Connector 2	Cable
Straight male BNC – Part. nb DVCB75HQ Purple boot – Part nb. M75BVI	Straight male BNC – Part. nb DVCB75HQ Purple boot – Part nb. M75BVI	PW75

Designation	Part nb	Packaging
Analog/digital video BNC cord – Male/ Male – 2 m	CORDPW752	1 unit
Analog/digital video BNC cord – Male/ Male – 5 m	CORDPW755	1 unit
Analog/digital video BNC cord – Male/ Male – 10 m	CORDPW7510	1 unit
Analog/digital video BNC cord – Male/ Male – 15 m	CORDPW7515	1 unit
Analog/digital video BNC cord – Male/ Male – 20 m	CORDPW7520	1 unit
Analog/digital video BNC cord – Male/ Male – 25 m	CORDPW7525	1 unit
Analog/digital video BNC cord – Male/ Male – 30 m	CORDPW7530	1 unit

HD VIDEO CORDS - BNC / BNC

Connector 1	Connector 2	Cable
Neutrik Male BNC - Part nb NBNC75BFG7	Neutrik Male BNC - Part nb NBNC75BFG7	UHD0628PVC

Designation	Part nb	Packaging
HD video cord – BNC Male / Male – 2 m	CUHD0628PVC12	1 unit
HD video cord – BNC Male / Male – 3 m	CUHD0628PVC13	1 unit
HD video cord – BNC Male / Male – 5 m	CUHD0628PVC15	1 unit
HD video cord – BNC Male / Male – 10 m	CUHD0628PVC110	1 unit
HD video cord – BNC Male / Male – 15 m	CUHD0628PVC115	1 unit
HD video cord – BNC Male / Male – 20 m	CUHD0628PVC120	1 unit
HD video cord – BNC Male / Male – 25 m	CUHD0628PVC125	1 unit
HD video cord – BNC Male / Male – 30 m	CUHD0628PVC130	1 unit

HD VIDEO CORDS - BNC / CRIMPED TERMINAL

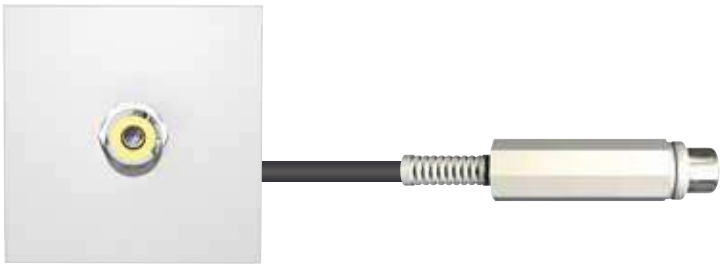
Connector 1	Connector 2	Cable
Neutrik Male BNC - Part nb NBNC75BFG7	Crimped terminal	UHD0628LSZH

Designation	Part nb	Packaging
HD video cord – BNC Male / Crimped terminal – 5 m	CHD0628LS15ES	1 unit
HD video cord – BNC Male / Crimped terminal –10 m	CHD0628LS110ES	1 unit
HD video cord – BNC Male / Crimped terminal – 15 m	CHD0628LS115ES	1 unit
HD video cord – BNC Male / Crimped terminal – 20 m	CHD0628LS120ES	1 unit

CINCH WALLPLATES

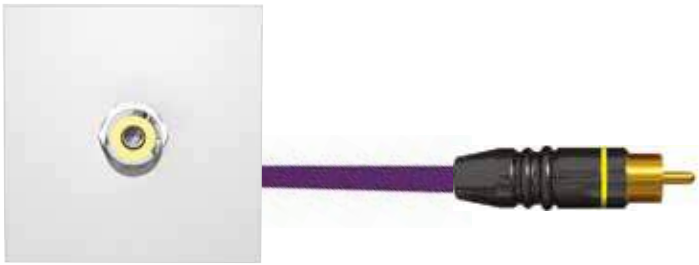
Designation	Connexion mode	To be used with:	Part nb
Wallplate with female cinch socket	Soldered	Video cables type: PW75, UHD0628LSZH	AM1RJ
Wallplate with female cinch socket	With terminal	BNC cords type: CHD0628LS1xxES, CHD0628LS1xxNC	AM1RJCI

CINCH WALLPLATE WITH FEMALE CORD



Designation	Part nb	Packaging
Wallplate with cinch female socket and cinch female cord – 0.20 m	AM1R2020N	1 unit

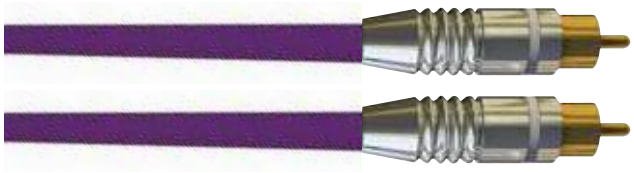
CINCH WALLPLATES WITH MALE CORDS



Connector 1	Connector 2	Cable
Wallplate with female cinch socket	Male cinch – yellow ring	UHD0628LSZH

Designation	Part nb	Packaging
Wallplate with cinch female socket and HD video cord cinch male – 5 m	AM1RJ15N	1 unit
Wallplate with cinch female socket and HD video cord cinch male – 10 m	AM1RJ110N	1 unit
Wallplate with cinch female socket and HD video cord cinch male – 15 m	AM1RJ115N	1 unit
Wallplate with cinch female socket and HD video cord cinch male – 20 m	AM1RJ120N	1 unit

ANALOG & DIGITAL VIDEO CINCH CORDS – MALE / MALE



Connector 1	Connector 2	Cable
Male metal cinch with yellow ID ring – Part nb. RCAMOJ	Male metal cinch with yellow ID ring – Part nb. RCAMOJ	PW75

Designation	Part nb	Packaging
Analog/digital video cord – Cinch Male / Male – 2 m	CORDPW75AR2	1 unit
Analog/digital video cord – Cinch Male / Male – 5 m	CORDPW75AR5	1 unit
Analog/digital video cord – Cinch Male / Male – 10 m	CORDPW75AR10	1 unit
Analog/digital video cord – Cinch Male / Male – 15 m	CORDPW75AR15	1 unit
Analog/digital video cord – Cinch Male / Male – 20 m	CORDPW75AR20	1 unit
Analog/digital video cord – Cinch Male / Male – 25 m	CORDPW75AR25	1 unit
Analog/digital video cord – Cinch Male / Male – 30 m	CORDPW75AR30	1 unit

HD VIDEO CORDS – MALE CINCH / CRIMPED TERMINAL

Connector 1	Connector 2	Cable
Male metal cinch with yellow ID ring – Part nb. RCAMOJ	Crimped terminal	UHD0628LSZH

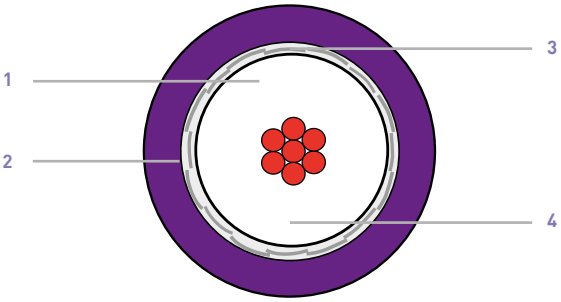
Designation	Part nb	Packaging
HD video cord – Cinch Male / Crimped terminal – 5 m	CHD0628AR15ES	1 unit
HD video cord – Cinch Male / Crimped terminal –10 m	CHD0628AR110ES	1 unit
HD video cord – Cinch Male / Crimped terminal – 15 m	CHD0628AR115ES	1 unit
HD video cord – Cinch Male / Crimped terminal – 20 m	CHD0628AR120ES	1 unit

HD VIDEO CORDS – CRIMPED TERMINAL / CRIMPED TERMINAL

Connector 1	Connector 2	Cable
Crimped terminal	Crimped terminal	UHD0628LSZH

Designation	Part nb	Packaging
HD video cord – Crimped / Crimped terminal – 5 m	CHD0628LS15NC	1 unit
HD video cord – Crimped / Crimped terminal –10 m	CHD0628LS110NC	1 unit
HD video cord – Crimped / Crimped terminal – 15 m	CHD0628LS115NC	1 unit
HD video cord – Crimped / Crimped terminal – 20 m	CHD0628LS120NC	1 unit

DIGITAL VIDEO CABLE: **PW75**



Product advantages

- Connexion of video devices to faceplate front panels
- Digital crosspatching

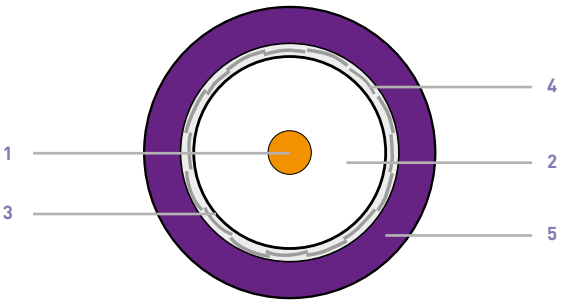
1. Core : solid bare copper
2. Conductor insulation : Cellular PE
3. Shielding: Tin-plated copper braid
5. Outer jacket: Purple PVC - Ø 5.90 mm

Suitable plugs

- BNC : DVCB75HQ
- Crimp tool : PBNCS
- Sleeves : M75Bx

Part nb	Jacket	Outer Ø	Weight	Packaging
PW75	Purple PVC	Ø 5.90 mm	43 kg / km	Custom length

HDTV VIDEO CABLE VIDEO: **UHD0628LSZH**



Product advantages

- Fixed installation
- Links between faceplates
- Connexion of HD video devices

1. Core : 1 x 0.60 mm bare copper
2. Conductor insulation : Cellular PE
3. 1st shielding: Aluminium foil
4. 2nd shielding: Tin-plated copper braid
5. Outer jacket: Purple LSZH – Ø 4.60 mm

Suitable plugs

- BNC : D0628HQ
- Crimp tool : PBNCS
- Sleeves : M50BX

Part nb	Jacket	Outer Ø	Weight	Packaging
UHD0628LSZH	Purple LSZH	Ø 4.60 mm	26.50 kg / km	Custom length

SUITABLE PLUGS VIDEO

BNC CRIMP PLUGS - 75 Ω

DVCB75MS

Designation	Cable	Part nb	Packaging
Male straight crimp - Economique	PW75	DVCB75MS	1 unit
Male straight crimp – High-quality	PW75	DVCB75HQ	1 unit
Male straight crimp – High-quality	UHD0628HQ (≥1.5 G/bs)	D0628HQ	1 unit

COLOR CODING BOOTS

Designation	Cables	Part nb	Packaging
Color boots: N: black – R: red – V: green – B: blue – J: yellow M: brown – G: grey – BL: white – O: orange VI: purple	PW75	M75Bx	10 units
Color boots: N: black – R: red – V: green – B: blue – J: yellow	UHD0628LSZH	M50Bx	10 units

CRIMP TOOL

Designation	Cables	Part nb	Packaging
Crimp tool	PW75 – UHD0628LSZH	PBNCS	1 unit

AUDIO AND VIDEO WALLPLATE BNC + 2 AUDIO CINCHS

Designation	Connexion mode	To be used with:	Part nb
Wallplate with 1 male BNC socket and 2 audio RCA male sockets	Soldered	Video cables type : PW75, UHD0628LSZH Audio cable : DUAL22	AM2R1B1N

BNC / CINCH ADAPTERS

NC1523

NC1524

Designation	Part nb	Packaging
Male BNC / Male Cinch	NC1515	1 unit
Male BNC / Female Cinch	NC1523	1 unit
Female BNC / Male Cinch	NC1524	1 unit

CINCH / CINCH ADAPTER

Désignation	Part nb	Packaging
Female cinch / Female cinch	NC 1525	1 unit

AUDIO LINKS

In a building, many differents audio links are needed: microphone desk, iPod-type audio source, USB memory stick... must be connected to the local sound reinforcement system.

These links may use different types of connectors, jack or XLR.

JACKS

Jack connectors are often used to connect headphones, microphones and portable audio sources.

There are two main types of jack connectors:

- Mono (TS) jack: 2 pins
- Stereo (TRS) jack: 3 pins

There are two standard plug diameters:

- 6.35mm (1/4”): mostly used to connect microphones
- 3.50mm (1/8”): this small diameter is used on portable devices, like MP3 players, camescopes...

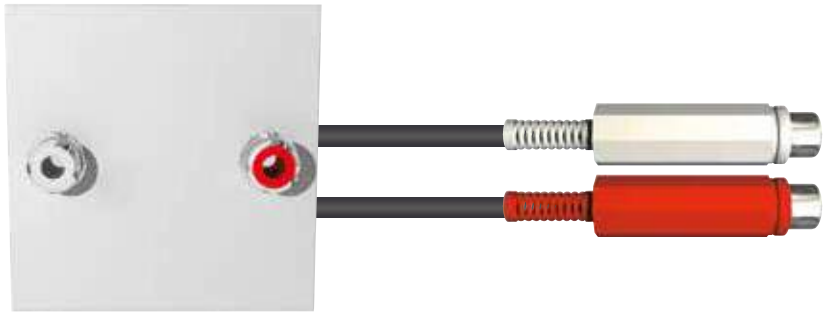
XLR

XLR plugs are used for professional audio links – microphones, loudspeakers... They are compatible with balanced or unbalanced audio signals (according to pin assignation).
It is the only connector allowing digital audio transport.

AUDIO WALLPLATES – 2 x CINCHS

Designation	Connexion mode	To be used with:	Part nb
Wallplate with 2 female audio cinch sockets	Soldered	Cords type : CAMRR1xx Audio cable : DUAL22	AM2R1N
Wallplate with 2 female audio cinch sockets	With terminal	Cords type : CARR2xxES, CARR2xxNC	AM2RCACI

2 AUDIO CINCHS WALLPLATE WITH FEMALE CORD



Designation	Part nb	Packaging
Wallplate with 2 female cinch sockets and 2 female cinch cord – 0.20m	AM2R2020N	1 unit

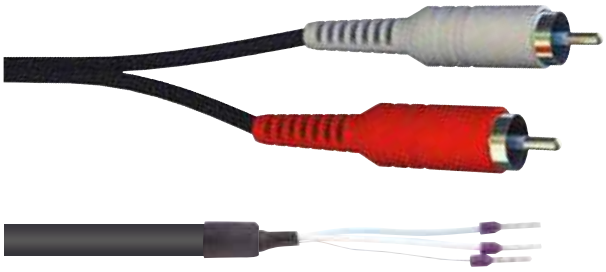
AUDIO CORDS – DOUBLE CINCHS MALES / MALES

CAMRR1105

Connector 1	Connector 2	Cable
Male cinch – white plastic shell Male cinch – red plastic shell	Male cinch – white plastic shell Male cinch – red plastic shell	2 x 0.22 mm^2

Designation	Part nb	Packaging
Audio cord – Double cinchs - males / males – 1.50 m	CAMRR1105	1 unit
Audio cord – Double cinchs - males / males – 5 m	CAMRR15	1 unit
Audio cord – Double cinchs - males / males – 10 m	CAMRR110	1 unit
Audio cord – Double cinchs - males / males – 15 m	CAMRR115	1 unit

AUDIO CORDS – DOUBLE CINCHS MALES / CRIMPED TERMINAL

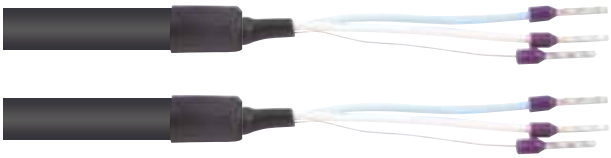


These cords are used to connect a cinch wallplate with terminals – Part nb. AM2RCACI
Each cord is supplied with its wiring diagram, to make the installation easier
This type of cord requires a 12 mm-wide sheath

Connector 1	Connector 2	Cable
Male cinch – white plastic shell Male cinch – red plastic shell	Crimped terminal	2 x 0.22 mm²

Designation	Part nb	Packaging
Audio cord – Double cinchs / Crimped terminal – 5 m	CARR15ES	1 unit
Audio cord – Double cinchs / Crimped terminal – 10 m	CARR110ES	1 unit
Audio cord – Double cinchs / Crimped terminal – 15 m	CARR115ES	1 unit

AUDIO CORDS – DOUBLE CRIMPED TERMINAL / CRIMPED TERMINAL



These cords are used to interconnect 2 cinch wallplates with terminals – Part nb. AM2RCACI
Each cord is supplied with its wiring diagram, to make the installation easier
This type of cord requires a 12 mm-wide sheath

Connector 1	Connector 2	Cable
Crimped terminal	Crimped terminal	2 x 0.22 mm²

Designation	Part nb	Packaging
Audio cord – Crimped terminal / Crimped terminal – 5 m	CARR15NC	1 unit
Audio cord – Crimped terminal / Crimped terminal – 10 m	CARR110NC	1 unit
Audio cord – Crimped terminal / Crimped terminal – 15 m	CARR115NC	1 unit

AUDIO WALLPLATES – XLR

Designation	Connexion mode	To be used with:	Part nb
Blank wallplate with 1 D-Series connector print		XLR sockets type: NC3FDLX, NC3MDLX Speakon sockets type: NL2MP, NL4MP	AMX1N
Wallplate with female XLR socket	Soldered	Cords type : CAXX1xx Câble audio : MIC222	AMXF3N
Wallplate with female XLR socket	With terminal	Cords Type : CAXX1xxES, CARR2xxNC	AMXF3CI

XLR WALLPLATE WITH FEMALE XLR CORD

Designation	Part nb	Packaging
Wallplate with female XLR socket with female XLR cord – 0.20 m	AMX3F2020N	1 unit

XLR WALLPLATES WITH MALE XLR CORDS

Connector 1	Connector 2	Cable
Wallplate with female XLR socket– part nb. NC3FDLX	3 pins male XLR– part nb. NC3MXX	MIC222

Designation	Part nb	Packaging
Wallplate with female XLR socket with male XLR cord – 5 m	AMX15N	1 unit
Wallplate with female XLR socket with male XLR cord – 10 m	AMX110N	1 unit
Wallplate with female XLR socket with male XLR cord – 15 m	AMX115N	1 unit
Wallplate with female XLR socket with male XLR cord – 20 m	AMX120N	1 unit
Wallplate with female XLR socket with male XLR cord – 30 m	AMX130N	1 unit

AUDIO CORDS – XLR MALE / FEMALE

These cords allow to connect a microphone or any other audio source to an XLR wallplate front panel (type: AMXF3N, AM3XFCI), to send them on loudspeakers. They can connect to AMX3F2020N wallplate, inside the sheath.
In this case, sheath must be at least 20mm-wide.

Connector 1	Connector 2	Cable
3 pins male XLR - Part nb. NC3MXX	3 pins female XLR – Part nb. NC3FXX	VIPER

Designation	Part nb	Packaging
Audio cord – XLR Male / Female – 5 m	CAXX15	1 unit
Audio cord – XLR Male / Female – 10 m	CAXX110	1 unit
Audio cord – XLR Male / Female – 15 m	CAXX115	1 unit
Audio cord – XLR Male / Female – 20 m	CAXX120	1 unit

AUDIO CORDS – XLR MALE / CRIMPED TERMINAL

These cords allow a direct connexion of 1 XLR wallplate with terminals – Part nb. AM3XFCI – to a loudspeaker. Each cord is supplied with its wiring diagram, to make the installation easier.
This type of cord requires a 12 mm-wide sheath.

Connector 1	Connector 2	Cable
3 pins male XLR - Part nb. NC3MXX	Crimped terminal	VIPER

Designation	Part nb	Packaging
Audio cord – XLR Male / Crimped terminal – 5 m	CAXX15ES	1 unit
Audio cord – XLR Male / Crimped terminal – 10 m	CAXX110ES	1 unit
Audio cord – XLR Male / Crimped terminal – 15 m	CAXX115ES	1 unit
Audio cord – XLR Male / Crimped terminal – 20 m	CAXX120ES	1 unit

AUDIO CORDS – CRIMPED TERMINAL / CRIMPED TERMINAL

These cords allow to connect 2 XLR faceplates with terminals – Part. Nb. AM3XFCI or jack with terminals – Part nb. AMJ351CI. Each cord is supplied with its wiring diagram, to make the installation easier. This type of cord requires a 12 mm-wide sheath.

Connector 1	Connector 2	Cable
Crimped terminal	Crimped terminal	VIPER

Designation	Part nb	Packaging
Audio cord – Crimped terminal / Crimped terminal – 5 m	CAS15NC	1 unit
Audio cord – Crimped terminal / Crimped terminal – 10 m	CAS110NC	1 unit
Audio cord – Crimped terminal / Crimped terminal – 15 m	CAS115NC	1 unit
Audio cord – Crimped terminal / Crimped terminal – 20 m	CAS120NC	1 unit

AUDIO WALLPLATES – 3.50 mm STEREO JACK

Designation	Connexion mode	To be used with:	Part nb
Wallplate with 3.50 mm stereo female jack	Soldered	Cords type: CAMJJ2xx Audio cable: CA40	AMJ351
Wallplate with 3.50 mm stereo female jack	With terminal	Cords type : CAJJ2xxES, CARR2xxNC	AMJ351CI

3.50 mm JACK WALLPLATE WITH FEMALE JACK CORD

Designation	Part nb	Packaging
Wallplate with female 3.50 mm stereo jack and female 3.50 mm stereo jack cord – 0.20 m	AMJ352020N	1 unit

3.50 mm JACK WALLPLATE WITH MALE JACK CORDS

Connector 1	Connector 2	Cable
Wallplate with 3.50 mm stereo female jack	3.50 mm stereo male jack	CA40

Designation	Part nb	Packaging
Wallplate with 3.50 mm stereo female jack and 3.50 mm stereo male jack cord – 5 m	AMJ3515N	1 unit
Wallplate with 3.50 mm stereo female jack and 3.50 mm stereo male jack cord – 10 m	AMJ35110N	1 unit
Wallplate with 3.50 mm stereo female jack and 3.50 mm stereo male jack cord – 15 m	AMJ35115N	1 unit
Wallplate with 3.50 mm stereo female jack and 3.50 mm stereo male jack cord – 20 m	AMJ35120N	1 unit

AUDIO CORDS – 3.50 mm STEREO JACK - MALE / MALE

The cords are used on front panel of a jack wallplate (type: AMJ351, AMJ351CI), to connect an audio source to the sound reinforcement system.
They can connect to AMJ3512020N, inside the sheath. In that case, the sheath must be at least 12-mm wide.

Connector 1	Connector 2	Cable
Plastic 3.50 mm stereo male jack	Plastic 3.50 mm stereo male jack	2 x 0.22 mm²

Designation	Part nb	Packaging
Audio cord – 3.50 mm stereo jack - Male / Male – 1.50 m	CAMJJ2105	1 unit
Audio cord – 3.50 mm stereo jack - Male / Male – 3 m	CAMJJ23	1 unit
Audio cord – 3.50 mm stereo jack - Male / Male – 5 m	CAMJJ25	1 unit
Audio cord – 3.50 mm stereo jack - Male / Male – 10 m	CAMJJ210	1 unit
Audio cord – 3.50 mm stereo jack - Male / Male – 15 m	CAMJJ215	1 unit

AUDIO CORDS – 3.50 mm STEREO JACK - MALE / FEMALE

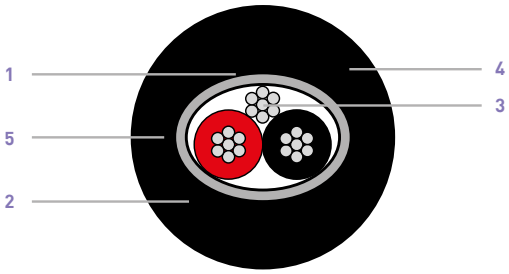
Connector 1	Connector 2	Cable
Plastic 3.50 mm stereo male jack	Plastic 3.50 mm stereo female jack	2 x 0.22 mm²

Designation	Part nb	Packaging
Audio cord – 3.50 mm stereo jack - Male / Female – 5 m	CAMJJ15	1 unit
Audio cord – 3.50 mm stereo jack - Male / Female – 10 m	CAMJJ110	1 unit

JACK / JACK ADAPTERS

Designation	Part nb	Packaging
Male stereo 3.50 mm Jack / Female stereo 6.35 mm Jack	M3S-F6S	2 units
Male stereo 6.35 mm Jack / Female stereo 3.50 mm Jack	M6S-F3S	2 units
Male stereo 3.50 mm Jack / 2 x Female stereo 3.50 mm Jacks	F6S-M3S	1 unit
Female stereo 3.50 mm Jack / Female stereo 3.50 mm Jack	M3S-2F3S	2 units
Female stereo 6.35 mm Jack / Female Stereo 6.35 mm Jack	F3S-F3S	1 unit
Jack Female Stereo 6.35 mm / Jack Female Stereo 6.35 mm	F6S-F6S	2 units

ANALOG PATCH CABLE: **CA40**



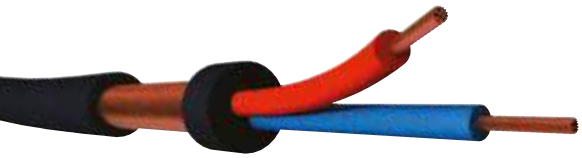
WHEN CHOOSE THIS CABLE ?

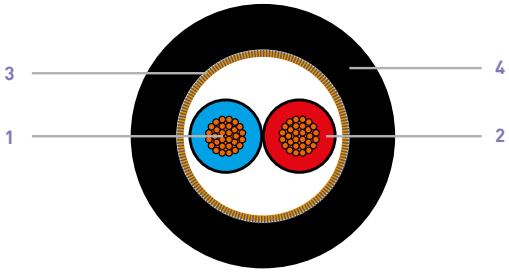
- Analog balanced audio links between wallplates

1. Core : Tin-plated copper - Section : 0.22 mm²
2. Conductor insulation: Polyethylene
   Color coding of conductors: red / black
3. Shielding: aluminium foil
4. Outer jack: black PVC – Ø 4.00 mm

Part nb	Number of pair	Section	Jacket	Weight	Packaging
CA40	1	0.22 mm²	Black PVC - Ø 4.00 mm	22.00 kg / km	100 m

MICROPHONE CABLE: **VIPER**





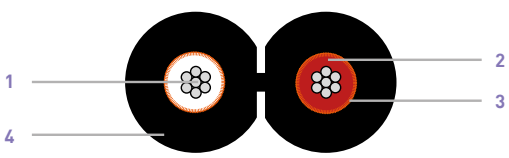
WHEN CHOOSE THIS CABLE ?

- Cords for microphone links

1. Core : Bare copper - Section : 0.22 mm²
2. Conductor insulation: Polyethylene
   Color coding of conductors: red / blue
3. Shielding: bare copper spiral shielding
4. Outer jack: black PVC – Ø 6.35 mm

Part nb	Number of pair	Section	Jacket	Weight	Packaging
VIPER	1	0.22 mm²	Black PVC - Ø 6.35 mm	45.00 kg / km	100 m and 500 m

UNBALANCED CABLE: **DUAL22HQ**



WHEN CHOOSE THIS CABLE ?

- Cords for hifi, unbalanced audio links

1. Core : Bare copper - Section : 0.22 mm²
2. Conductor insulation: Polyethylene
   Color coding of conductors: red / blue
3. Shielding: bare copper spiral shielding
4. Outer jack: black PVC – Ø 3.50 x 6.35 mm

Part nb	Number of pair	Section	Outer sheath	Weight	Packaging
DUAL22	2	0.22 mm²	Black PVC - Ø 3.50 mm x 6.50 mm	40.00 kg / km	100 m

USB LINKS

USB (Universal Serial Bus) is an industry standard developed to send/receive serially data between computers and electronic devices.
This protocol is used in a variety of applications:

· Connection of computer peripherals, including keyboards, pointing devices, joysticks...
· Mass storage peripherals: external hard disks, cameras, multimedia players, and above all USB sticks.
· Multimedia and graphics: printers, scanners, audio interfaces, webcams, TV receivers, secondary screen (with its own video controller), microphone, interactive panels...
· Networks or communication adapters: Wi–Fi, Ethernet, Bluetooth, infrared IrDA, modem...
· Bus and interfaces: RS–232 serial port, parallel port, PS/2 port, joystick port, CAN Bus, GPIB (IEEE–488), RS–485 serial port

The USB allows hot-swapping ('Plug & Play'): it is possible to install and remove devices without rebooting the host computer.

Protocol versions

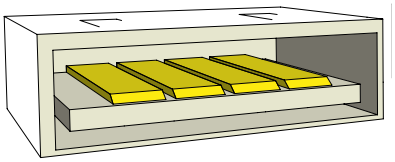
Version	1.1	2.0	3.0	3.1	Packaging
Max. data transfert	1.5 Mbit/s soit 0.19 Mo/s	12 Mbit/s soit 1.5 Mo/s	5 Mbit/s soit 600 Mo/s	10 Mbit/s soit 1.2 Go/s	100 m

The USB 2.0 version ('HighSpeed') is the most used USB version today.
The 3.0 version ('SuperSpeed') is backward-compatible with USB 1.1 and 2.0 versions.

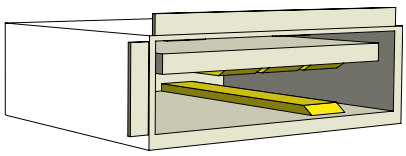
Suitable plugs

There are 2 different plugs:

Type A USB plug
Used on the PC side



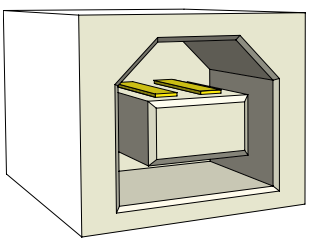
TYPE A MALE



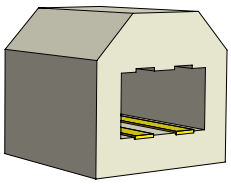
TYPE A FEMALE

Type B USB plug
Used on the peripherals (hard disk, printer, scanners...)

There are other Micro and Mini USB plugs, very compact, used e.g. on digital cameras.



TYPE B MALE



TYPE B FEMALE

USB A – 3.0 WALLPLATES

Designation	Connexion mode	To be used with:	Part nb
Wallplate with USB A female socket	With terminal	Cords type : CUSB3A1xES, CUSB3B1xxES	AMUSBACI

USB A WALLPLATE WITH FEMALE CORD

Designation	Part nb	Packaging
Wallplate with USB A female socket and USB A female cord – 0.20 m	AMUSBA2020N	1 unit

3.0 USB A / USB B CORDS – MALE / MALE

These cords are used on front panel of a USB A AMUSBACI wallplate.
It can also connect to AMUSBA2020N wallplate inside a sheath. In this case, the sheath must be at least 12 mm wide.

Connector 1	Connector 2
Male USB A plug	Male USB B plug

Designation	Part nb	Packaging
USB A Male / USB B Male cord – 1.80 m	CUSB3AB108	1 unit
USB A Male / USB B Male cord – 3.00 m	CUSB3AB13	1 unit
USB A Male / USB B Male cord – 5.00 m	CUSB3AB15	1 unit

3.0 USB A / USB A CORDS – MALE / FEMALE

These cords are used on front panel of a USB A AMUSBACI wallplate.
It can also connect to AMUSBA2020N wallplate inside a sheath. In this case, the sheath must be at least 12 mm wide.

Connector 1	Connector 2
Male USB A plug	Female USB A plug

Designation	Part nb	Packaging
USB A Male / USB A Female cord – 1.80 m	CUSB3AA108	1 unit
USB A Male / USB A Female cord – 3.00 m	CUSB3AA13	1 unit
USB A Male / USB A Female cord – 5.00 m	CUSB3AA15	1 unit

3.0 USB A / USB A CORDS – MALE / MALE

Connector 1	Connector 2
Male USB A plug	Male USB A plug

Designation	Part nb	Packaging
USB A Male / USB A Male cord – 1.80 m	CUSB3AA208	1 unit

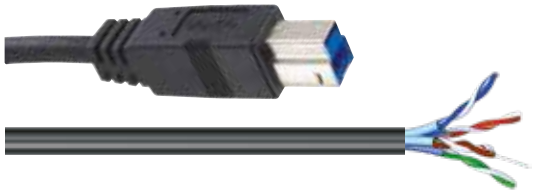
3.0 USB A MALE / CRIMPED TERMINAL CORDS

These cords are used to connect 1 USB A wallplate with terminals – Part nb. AMUSBACI.
Each cord is supplied with its wiring diagram, to make the installation easier.
This type of cord requires a 12 mm-wide sheath.

Connector 1	Connector 2
Male USB A plug	Crimped terminal

Designation	Part nb	Packaging
USB A Male / Crimped terminal – 3.00 m	CUSB3A13ES	1 unit
USB A Male / Crimped terminal – 5.00 m	CUSB3A15ES	1 unit

TITRE SPOT: 3.0 USB B MALE / CRIMPED TERMINAL CORDS



Connector 1	Connector 2
Male USB B plug	Crimped terminal

Designation	Part nb	Packaging
USB B Male / Crimped terminal – 3.00 m	CUSB3B13ES	1 unit
USB B Male / Crimped terminal – 5.00 m	CUSB3B15ES	1 unit

MOULDED EXTENSION CORDS: 16A – 3 G 1.50 mm²

Connector 1	Connector 2	Cable
Moulded male plug – 2 poles + ground - IP44 – 16A / 250V AC	Moulded female plug – 2 poles + ground – IP44 – 16A / 250V AC – with protection cover	HO7 RNF 3G1.50 mm²

Part nb	Length	Packaging
CORNF3G1511	1 m	1 unit
CORNF3G1513	3 m	1 unit
CORNF3G1515	5 m	1 unit
CORNF3G15110	10 m	1 unit
CORNF3G15115	15 m	1 unit
CORNF3G15120	20 m	1 unit
CORNF3G15125	25 m	

4-SOCKET POWER STRIP W/O POWER SWITCH

Designation	Part nb	Packaging
4-socket power strip without power switch, cord included, straight male plug – black plastic– 2 m	BA4P	1 unit