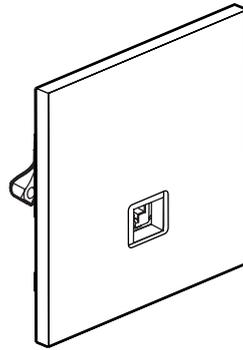


Epure Style
RJ 45 socket - Cat. 6

Cat. No(s): AR-67325 - AR-67425 - AR-67525 - AR-67625
AR-67725 - AR-67825 - AR-67925



1. USE

Category 6 RJ 45 sockets.
 Take high-speed transmissions (Ethernet Gigabit).
 Supplied with finishing plates.

2. RANGE

RJ 45 sockets

AR-67425	○ Brushed steel	RJ 45 socket - Cat. 6 FTP
AR-67525	● Satin steel	
AR-67625	○ Mirror-polished steel	
AR-67725	● Mirror-polished gold	
AR-67325	● Bronze	
AR-67825	● Matt black	
AR-67925	○ Satin white	

Note: Other finishes and configurations are provided, see technical data sheet F02217EN/01.

3. INSTALLATION

ART d'Arrould electrical wiring accessories are supplied with long fixing screws which can be cut at several points to adapt the screw length to the box flush-mounting depth in the wall.

If ART d'Arrould wiring accessories are being mounted in thick surfaces such as tiles, marble, wainscot panelling with flush-mounting boxes chased deep into the wall, the whole screw length can be used to fix the wiring accessory.

If ART d'Arrould wiring accessories are being installed in walls with non-projecting flush-mounting boxes (masonry walls, dry partitions), the screws which can be cut at several points to shorten the thread.

To protect the products, it is essential to install them: once all surface coatings are completely dry, in a dry, non-aggressive environment, indoors only.

It is recommended that you install the plates only after the wall coatings have been completely finished (paint, fabrics, etc.).

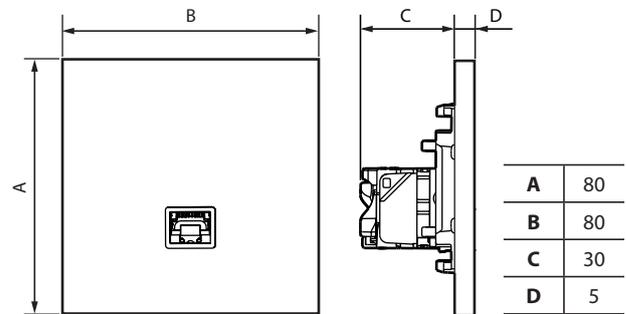
Dismantling:

The plates can be dismantled by inserting the tip of a screwdriver in a purpose-designed notch on the sides of the plate and using it as a lever to unclip it from the fixing points.

Once the plate has been lifted off the wall slightly, just slide your fingers between the plate and the wall to gently remove the plate.

Take care not to pull too hard on the plate, to avoid breaking the fixing clips.

4. DIMENSIONS (mm)

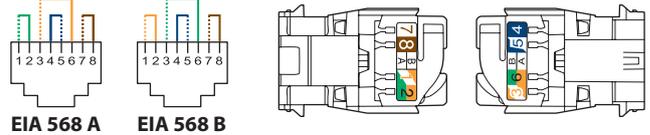


5. STANDARD RJ 45 CONNECTION

Takes the following plugs: RJ 11 (4 contacts), RJ 12 (6 contacts), RJ 45 (8 contacts UTP and 9 contacts FTP).

EIA/TIA 568 A and B dual colour code on terminals:

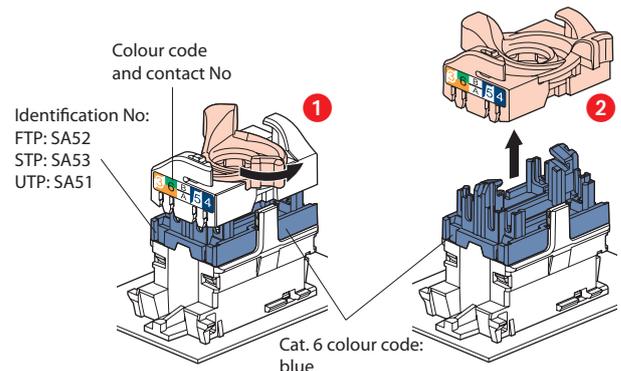
- FTP 9 contacts
- STP 9 contacts with 360° shielding



Permissible conductors:

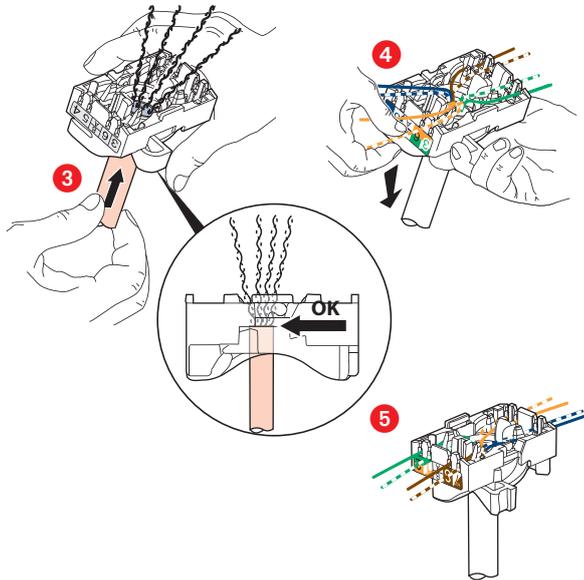
- Single-core: AWG 22 to 26
- Multicore: AWG 26
- Polyethylene conductor insulation: maximum Ø on insulation 1.58 mm

RJ 45 connectors are equipped with a locking nut. They do not require a special tool and can be re-wired if a mistake is made.



5. STANDARD RJ 45 CONNECTION (continued)

This system makes it easy to spread pairs before fitting them onto the connector



Spreading the cables ensures that a pair-breakage distance of 13 mm is kept between each pair.

Spreading pairs at 90° to the cable ensures the best possible performance

6. TECHNICAL CHARACTERISTICS

■ 6.1 Mechanical characteristics

Impact test: IK 02

Ingress of solids/liquids: IP 20

■ 6.2 Material characteristics

• Plates:

Brushed steel: brushed + galvanised with steel colour + varnish

Satin steel: steel colour + varnish

Mirror steel: polished + galvanised with steel colour

Mirror gold: polished + galvanised with 24-carat gold

Bronze: brass + oxidation + patina and brushed + varnish

Matt black: brass + matt paint

Satin white: brass + satin-finish paint

• Motor:

Contacts: gold/nickel, thickness of gold > 0.8 µm minimum

Metal parts: bronze, nickel, platinum, gold

Box of the mechanism: Polycarbonate PBT

Self-extinguishing: 650°C/30 s

■ 6.3 Electrical characteristics

Breakdown voltage M 1000 V

Contact resistance m 20 mΩ

Insulation resistance M 500 MΩ under 100 V DC

Connector tested and guaranteed under POE signal stress, standard IEEE 802.3af and POE+, draft standard 802.3at, up to 2500 load connections/disconnections.

Tests are carried out with 2 simultaneous POE+ circuits for a minimum total power of 50 W.

■ 6.4 Climate characteristics

Storage temperature: - 10°C to + 70°C

Usage temperature: - 5°C to + 35°C

7. CARE

Clean and dust using a soft, damp cloth (dampened with water) or wipes impregnated with a product containing less than 5% alcohol and anionic surfactant.

Caution: Always test before using other special cleaning products.

Banned products

- Solvents, various essential oils, paint, or adhesive tape,
- Scouring powders (because are abrasive),
- Products containing bleach,
- Special products for stainless steel,
- Renovators (because they often contain abrasives and chemical agents),
- Splashes or fumes from floor, paint, or wood stripping products, etc.

Caution:

Any mechanical attack or foreign object (screwdriver, etc.) striking the surface of the plate would damage the finish and therefore also the surface treatment.

8. STANDARDS AND APPROVALS

Compliant with installation and manufacturing standards.

See e.catalogue.