

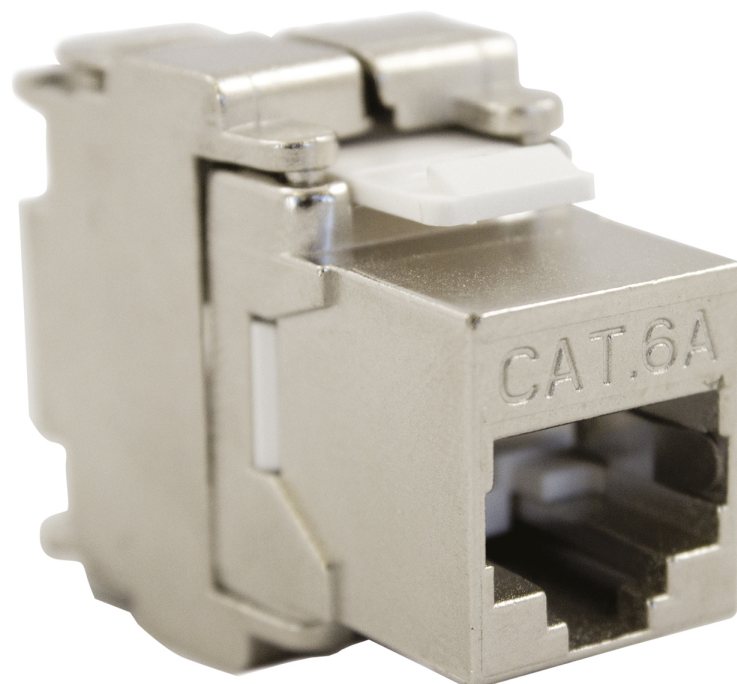
ECONN6AFS8

**CAT6A toolless 360° shielded RJ45 connector - Bag of 8**



## DESCRIPTION

The RJ45 ECONN6AFS8 connector, 360°-shielded, benefits from excellent electrical performance that ensures good NEXT margins for a Class Ea link. Its wiring comb allows tool-free termination while ensuring quality wiring thanks to its clear, visible color code. Its Keystone format makes it compatible with a wide range of faceplates and enclosures.



## ADVANTAGES

- Quick and easy toolless connection
- Keystone format



**CONSTRUCTION & TECHNICAL PERFORMANCE**

|  |                                    |
|--|------------------------------------|
| Product Type                           | ECONN6AFSxxy                       |
| Color                                  | Aluminium                          |
| Connector Format                       | Keystone                           |
| Core Material                          | Corp blindé Zamac                  |
| Dimensions (W x D x h)                 | 21,9 x 16,2 x 28,2 mm              |
| Shielding                              | Full Shielded                      |
| Coding Type                            | Colour code 568 A et B             |
| Max Compatible Conductor Diameter (mm) | 130                                |
| Inserter Type                          | Peigne de câblage                  |
| Cover Material                         | Zamac                              |
| CAD Nature                             | Phosphore, bronze                  |
| Contact Nature                         | Bronze, Platine Ni + revêtement Or |
| Grounding                              | 360°                               |
| Compatible Cable Type                  | Rigide et souple                   |
| Cable Entry Type                       | axiale                             |
| Compatible Gauge Type                  | AWG26 à AWG23                      |
| Max Compatible Cable Diameter (mm)     | 850                                |

**ELECTRICAL CHARACTERISTICS**

|                         |                                       |
|-------------------------|---------------------------------------|
| Service Voltage (V)     | > 1000 Vdc                            |
| Admissible power        | < 30 W                                |
| Contact resistance      | < 20 m $\Omega$ IEC 60512-2-1 Test 2a |
| Operating voltage       | < 72 Vdc                              |
| PoE type                | IEEE 802.3at (PoEP)                   |
| Electronic Compensation | Circuit PCB optimisé                  |

**TRANSMISSION CHARACTERISTICS**

|                            |   |
|----------------------------|---|
| Performance Category       | Category 6A   |
| Data Transmission Standard | EIA/TIA 568-C.2 Cat6A, EN 50173-1: 2011 Classe Ea, ISO / IEC 11801 Ed2.2 Class Ea |

**MECHANICAL CHARACTERISTICS**

|                 |        |
|-----------------|--------|
| Insertion Cycle | > 1000 |
|-----------------|--------|

**ENVIRONMENTAL CHARACTERISTIC**

|                 |               |
|-----------------|---------------|
| IP rating       | IP20          |
| RoHS Compliance | Conforme RoHS |

**ENVIRONMENTAL CHARACTERISTIC**

|                       |                |
|-----------------------|----------------|
| Operating Temperature | -40°C +70°C    |
| Component Standard    | IEC 60603-7-51 |

**ADDITIONAL INFORMATION**

|                   |         |
|-------------------|---------|
| System Warranty   | Nothing |
| Product Packaging | Bag     |
| Weight (Kg)       | 0.029   |