

## Key Features

- Ideal for use with Mag Locks and Door Contacts
- Eca Euro Class LSZH Cable
- DoP and Test Class printed on Cable
- Temperature Rating -20°C to 70°C
- Voltage Rating 300V Max
- Eight Core Overall Foil Cable
- CIBSE TM65 Embodied Carbon: 0.304 kg CO2e

## Overview

Aura Multicore cables manufactured and designed for sound broadcast, audio and instrumentation offering an alternative Belden style cable, with tinned copper conductors. An eight core cable with 24 AWG size conductors, single Drain Wire and overall foil shield in an LSZH Grey Sheath rated as Euroclass Eca.

## Product Specifications

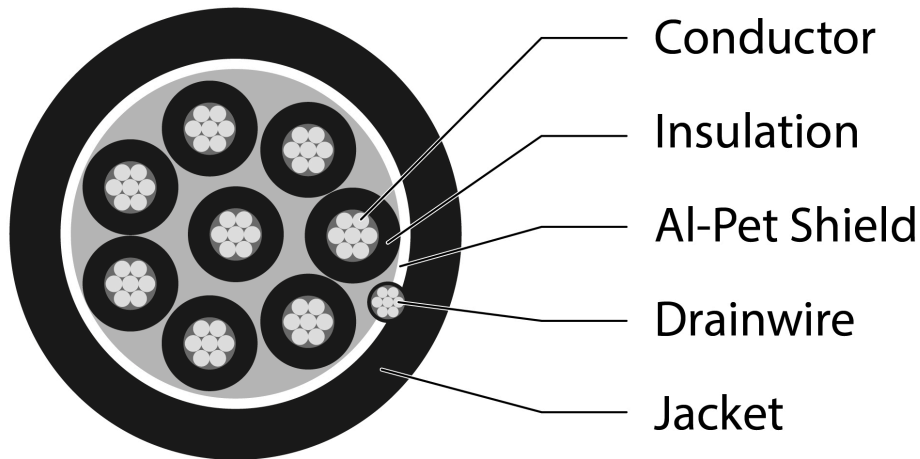
| Feature  | Values                                  |
|--|---|
| Diameter of conductor  | TC 0.20 ±0.008 x 7                      |
| AWG size   | 24                                      |
| Total number of cores  | 8                                       |
| Core identification  | Red, Green, brown, blue, Orange, Yellow |
| Overall screening  | Foil                                    |
| Outer sheath material  | LSZH                                    |
| Outer sheath colour  | Grey                                    |
| Flame retardant according to IEC 60332-1-2                                   | yes                                     |
| Halogen free (acc. IEC 60754-2)  | yes                                     |
| Reaction-to-fire class according to EN 13501-6                               | Eca                                     |
| Outer diameter approx.   | 5.70mm ± 0.2                            |
| Min. permitted bending radius, stationary application/permanent installation | 50 mm                                   |

| Feature                     | Values                     |
|-----------------------------|----------------------------|
| Operating Temperature Range | -20...70 °C                |
| Category                    | Multicore Overall Screened |

## Additional specifications

| Features                           | Values                    |
|------------------------------------|---------------------------|
| Insulation thickness               | 0.81mm                    |
| Drain Wire                         | TC0.20 ±0.008 x 7 Overall |
| Max Conductor Dc Resistance        | < 84.6 MΩ/KM @ 20°C       |
| Min Insulation DC Resistance       | > 200 MΩ/KM @ 20°C        |
| Alternative to Belden              | 9538                      |
| Conductor to Conductor Capacitance | 81pF/m ±20                |
| Conductor to Shield Capacitance    | 154pF/m ±25               |
| Voltage Rating                     | 300 Max                   |

**Product drawing**



**Standards**

| Applicable standard                        | Detail   |
|--|--|
| RoHS-II/-III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III) |
| Directive 2008/98/EC (WFD)                 | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988)  |

ECHA SCIP Database

Compliant - Does Not Contain  
Substances of Concern in Products

## Partcodes

| Partcodes       | Description   |
|-----------------|---|
| 2408COFV        | aura 24AWG 8 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9538 Per Metre Grey  |
| 2408COFV-100    | aura 24AWG 8 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9538 100m Grey       |
| 2408COFV-250-WT | aura 24AWG 8 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9538 250m White      |
| 2408COFV-WT     | aura 24AWG 8 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9538 Per Metre White |