



Key Features

- Ideal for RS232 Long Distance Control Cable
- Eca Euro Class LSZH Cable
- DoP and Test Class printed on Cable
- Temperature Rating -20 °C to 70 °C
- Voltage Rating 300 V Max
- Twin Pair Overall Foil Cable
- CIBSE TM65 Embodied Carbon: 0.243 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. A twin pair cable with 24 AWG size conductors, single Drain Wire and overall foil shield in an LSZH Grey Sheath rated as Euroclass Eca.

Product Specifications

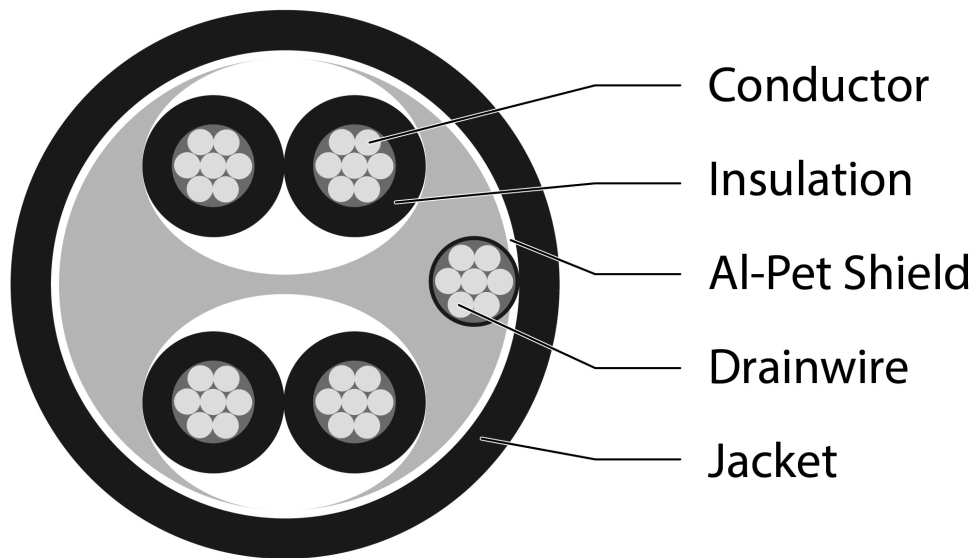
| Feature | Values |
|--|------------------------|
| Diameter of conductor | TC 0.20 ±0.008 x 7 |
| AWG size | 24 |
| Core identification | Red/Black, White/Black |
| Overall screening | Foil |
| Outer sheath material | LSZH |
| Outer sheath colour | Grey |
| Flame retardant according to IEC 60332-1-2 | yes |
| Halogen free (acc. IEC 60754-2) | yes |
| Reaction-to-fire class according to EN 13501-6 | Eca |
| Outer diameter approx. | 5.60mm ± 0.2 |
| Min. permitted bending radius, stationary application/permanent installation | 50 mm |
| Operating Temperature Range | -25...70 °C |

| Feature | Values |
|----------|----------------------------|
| Category | Multipair 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 |
| Number of Pairs | 2 |
| Alternative to Belden | 9502 |
| Conductor to Conductor Capacitance | 61pF/m ±20 |
| Conductor to Shield Capacitance | 119pF/m ±20 |
| 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) |
| WFD | Compliant to Waste Framework Directive |
| SCIP | Compliant - Does Not Contain Substances of Concern in Products |

Partcodes

| Partcodes | Description |
|--------------|--|
| 2402POFV | aura 24AWG 2 Pair Belden Alternative Multicore Cable LSZH Eca Type 9502 Per Metre Grey |
| 2402POFV-100 | aura 24AWG 2 Pair Belden Alternative Multicore Cable LSZH Eca Type 9502 100m Grey |