

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
- Six Pair Overall Foil Cable
- CIBSE TM65 Embodied Carbon: 0.436 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 six 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

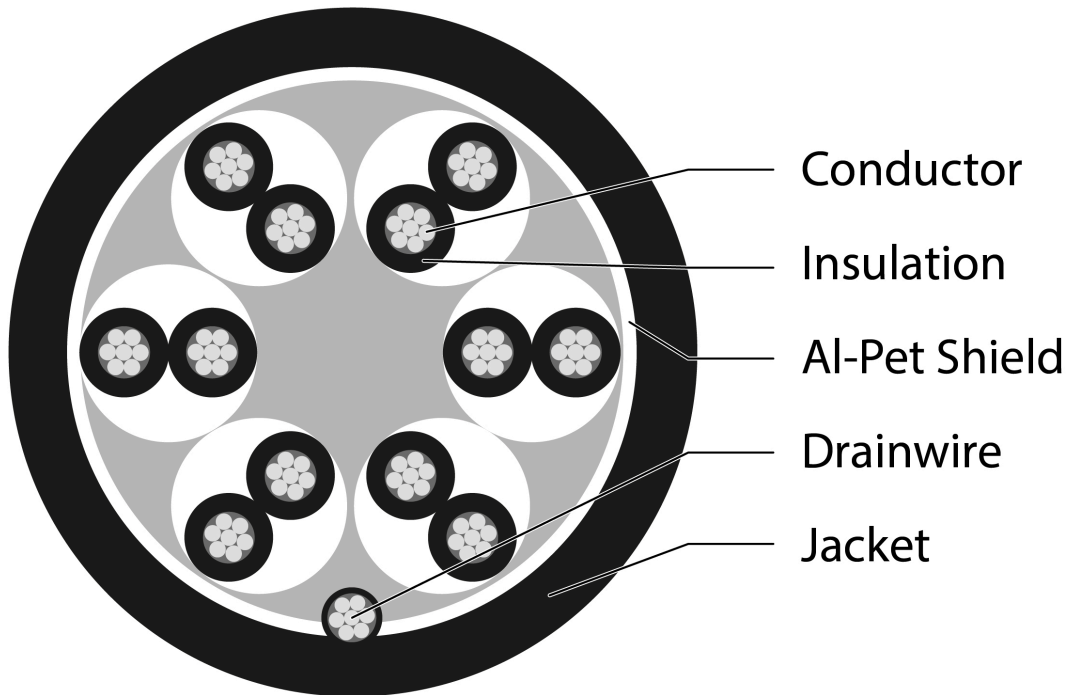
Feature	Values
Diameter of conductor	TC 0.20 ±0.008 x 7
AWG size	24
Core identification	Red/Black, White/Black, Green/Black, Blue/Black, Yellow/Black, Brown/Black
Overall screening	Foil
Outer sheath material	LSZH
Outer sheath colour	Grey
Flame retardant according to IEC 60332-1-2	yes
Halogen free (acc. IEC 60754-2)	yes
Reaction-to-fire class according to EN 13501-6	Eca
Outer diameter approx.	7.30mm ± 0.2
Min. permitted bending radius, stationary application/permanent installation	100 mm

Operating Temperature Range	-20...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
Alternative to Belden	9506
Conductor to Conductor Capacitance	64pF/m ±20
Conductor to Shield Capacitance	111pF/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
2406POFV	aura 24AWG 6 Pair Belden Alternative Multicore Cable LSZH Eca Type 9506 Per Metre Grey