

Key Features

- Readers used for Paxton and other AC brands
- Eca Euro Class LSZH Cable
- DoP and Test Class printed on Cable
- Temperature Rating -20 °C to 70 °C
- Voltage Rating 300 V Max
- Ten Core Overall Foil Cable
- CIBSE TM65 Embodied Carbon: 0.362 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 ten 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

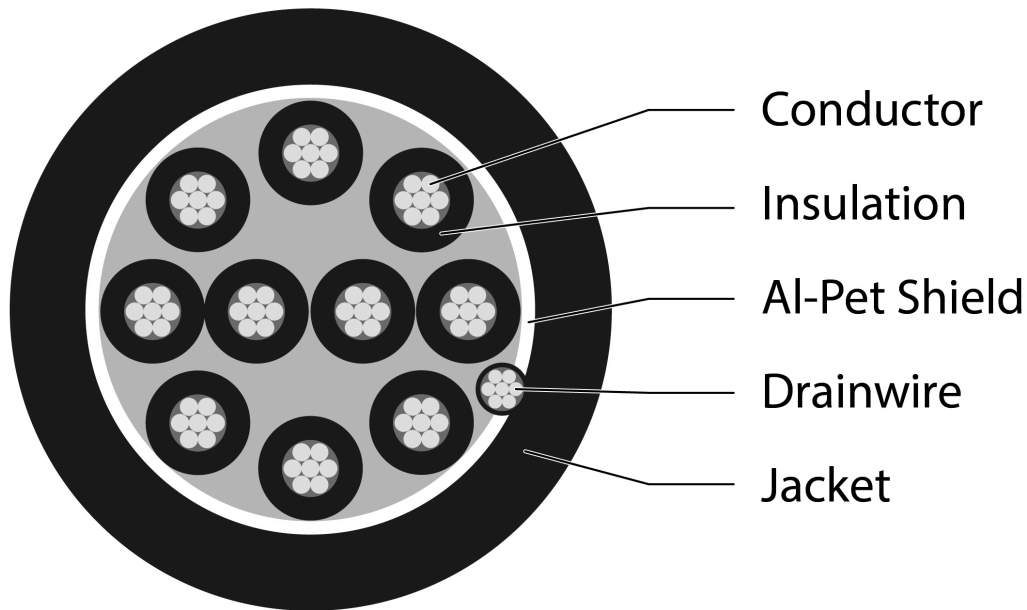
Feature	Values
Diameter of conductor	TC 0.20 ±0.008 x 7
AWG size	24
Total number of cores	10
Core identification	black, White, Red, Green, brown, blue, Orange, Yellow, Purple, Grey
Overall screening	Foil
Outer sheath material	LSZH
Outer sheath colour	Grey
Flame retardant according to IEC 60332-1-2	yes
Halogen free (acc. IEC 60754-2)	yes
Reaction-to-fire class according to EN 13501-6	Eca
Outer diameter approx.	6.20mm ± 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	9540
Conductor to Conductor Capacitance	73pF/m ±20
Conductor to Shield Capacitance	169pF/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)
WFD	Compliant to Waste Framework Directive
SCIP	Compliant - Does Not Contain Substances of Concern in Products

Partcodes

Partcodes	Description
2410COFV	aura 24AWG 10 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9540 Per Metre Grey
2410COFV-100	aura 24AWG 10 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9540 100m Grey