



Key Features

- Ideal for Telemetry and Instrumentation
- 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 Individually Foil Shielded
- CIBSE TM65 Embodied Carbon: 0.157 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 22 AWG size conductors, single Drain Wire and foil shield per pair in an PE Black Sheath rated as Euroclass Fca.

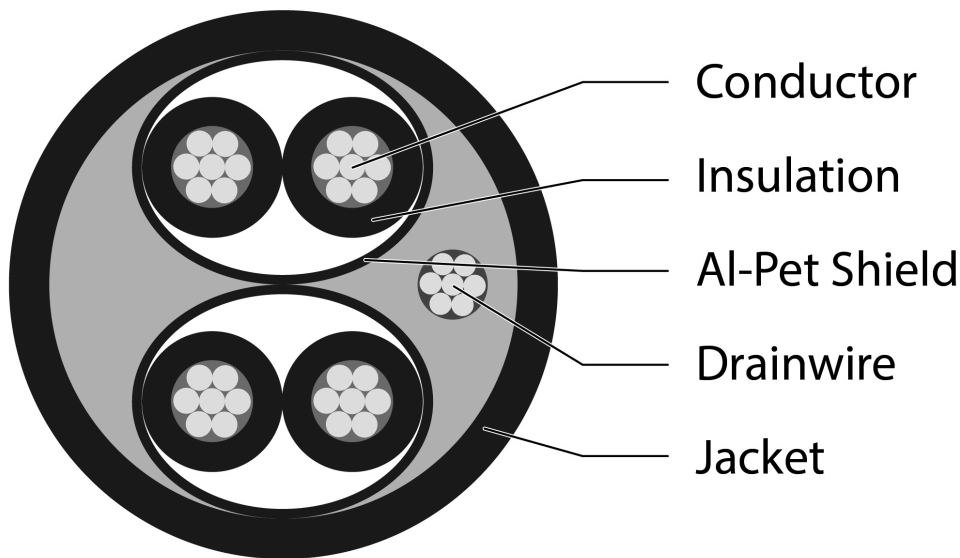
Product Specifications

Feature	Values
Diameter of conductor	TC 0.25 ±0.008 x 7
AWG size	22
Core identification	Black/Red, White/Green
Conductor screening	Foil
Outer sheath material	PE
Outer sheath colour	Black
Flame retardant according to IEC 60332-1-2	yes
Reaction-to-fire class according to EN 13501-6	Fca
Outer diameter approx.	4.20mm ± 0.2
Min. permitted bending radius, stationary application/permanent installation	40 mm
Operating Temperature Range	-20...70 °C
Category	Multipair Individually Screened

Additional specifications

Features	Values
Insulation thickness	1.56mm
Drain Wire	TC0.19 ±0.008 x 7 Overall
Max Conductor Dc Resistance	< 54.2 MΩ/KM @ 20°C
Min Insulation DC Resistance	> 200 MΩ/KM @ 20°C
Number of Pairs	2
Alternative to Belden	8723
Conductor to Conductor Capacitance	74.4pF/m ±20
Conductor to Shield Capacitance	146pF/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
2202PIFPE	aura 22AWG 2 Pair Belden Alternative Multicore Cable PE Sheath Fca Type 8723 Per Metre Black