



## 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
- Single pair overall foil cable
- CIBSE TM65 Embodied Carbon: 0.240 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 single pair cable with 20 AWG size conductors, single Drain Wire and overall foil shield in an LSZH Grey Sheath rated as Euroclass Eca.

## Product Specifications

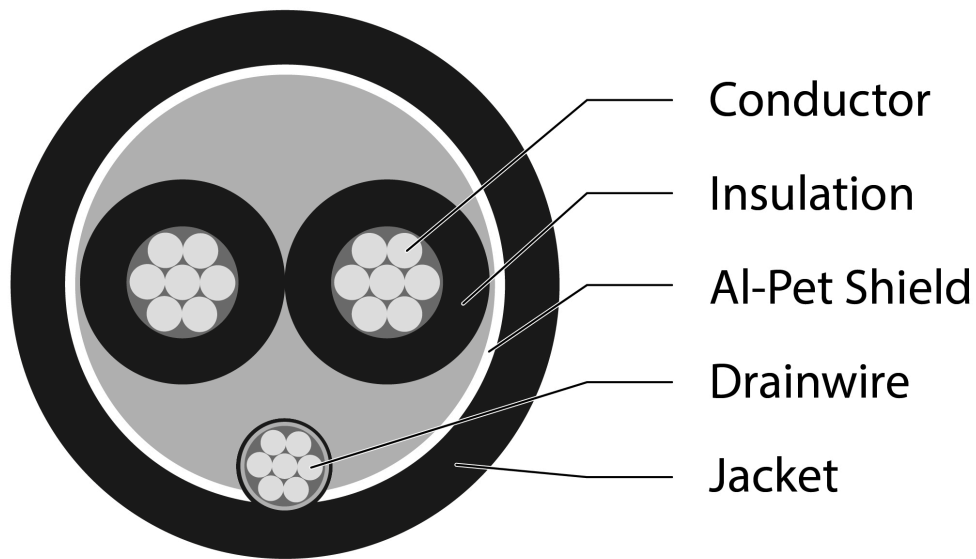
Feature	Values
Diameter of conductor	TC 0.32 ±0.008 x 7
AWG size	20
Core identification	White/Black
Overall screening	Foil
Outer sheath material	LSZH
Outer sheath colour	Grey
Flame retardant according to IEC 60332-1-2	yes
Halogen free (acc. IEC 60754-2)	yes
Reaction-to-fire class according to EN 13501-6	Eca
Outer diameter approx.	5.2mm ± 0.2
Min. permitted bending radius, stationary application/permanent installation	100 mm
Operating Temperature Range	-20...70 °C

Feature	Values
Category	Multipair Unscreened

### Additional specifications

Features	Values
Insulation thickness	0.71mm
Drain wire	TC0.32 ±0.008 x 7 overall
Max conductor DC resistance	< 33.1 MΩ/KM @ 20°C
Min insulation DC resistance	> 200 MΩ/KM @ 20°C
Number of pairs	1
Alternative to Belden	8762
Conductor to conductor capacitance	65pF/m ±20
Conductor to shield capacitance	130pF/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
2001POFP	aura 20AWG 1 Pair Belden Alternative Multicore Cable LSZH Eca Type 8762 Per Metre Grey