



## 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 300V Max
- Single Pair Overall Foil Cable
- CIBSE TM65 Embodied Carbon: 0.291 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 18 AWG size conductors, single Drain Wire and overall foil shield in an LSZH White Sheath rated as Euroclass Eca.

## Product Specifications

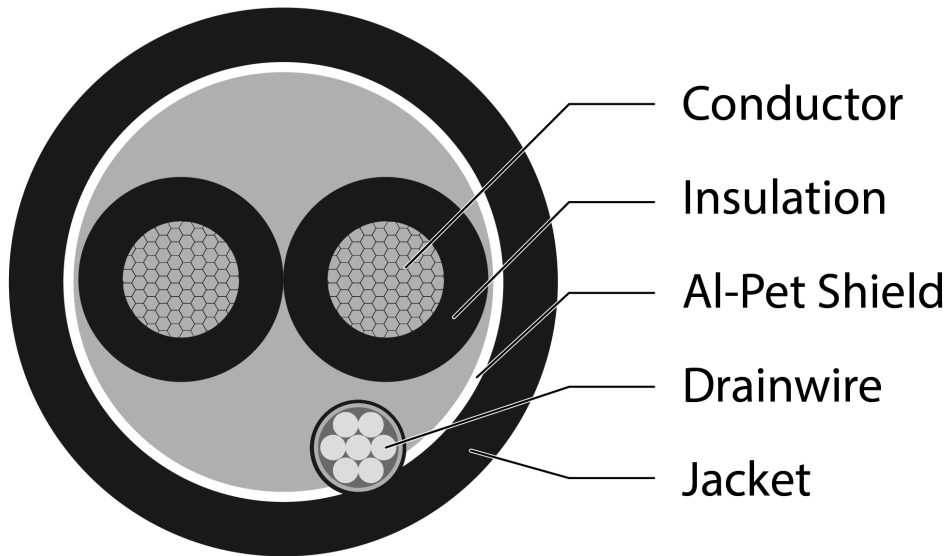
Feature	Values
Diameter of conductor	TC 0.25 ±0.008 x 16
AWG size	18
Core identification	White/Black
Overall screening	Foil
Outer sheath material	LSZH
Outer sheath colour	White
Flame retardant according to IEC 60332-1-2	yes
Halogen free (acc. IEC 60754-2)	yes
Reaction-to-fire class according to EN 13501-6	Eca
Outer diameter approx.	5.6mm ± 0.2
Min. permitted bending radius, stationary application/permanent installation	75 mm
Operating Temperature Range	-20...70 °C

Feature	Values
Category	Multipair Unscreened

### Additional specifications

Features	Value
Insulation thickness	0.71mm
Drain Wire	TC0.32 ±0.008 x 7 Overall
Max Conductor Dc Resistance	< 23.7 MΩ/KM @ 20°C
Min Insulation DC Resistance	> 200 MΩ/KM @ 20°C
Number of Pairs	1
Alternative to Belden	8760
Capacitance - Conductor to Conductor	70pF/m ±20
Capacitance - Conductor to Shield	138pF/m ±25
Voltage Rating	300 Max

## Cross-section diagram



## 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)

# aura 18AWG 1 Pair Belden Alternative Multicore Cable LSZH Eca Type 8760 Per Metre White

Part Number: 1801POFP-LSOH-WT

ECHA SCIP Database

Compliant - Does Not Contain  
Substances of Concern in Products

## Partcodes

Partcodes	Description
1801POFP	aura 18AWG 1 Pair Belden Alternative Multicore Cable LSZH Eca Type 8760 Per Metre Grey
1801POFP-LSOH-WT	aura 18AWG 1 Pair Belden Alternative Multicore Cable LSZH Eca Type 8760 Per Metre White