



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: 0.291 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 Grey Sheath rated as Euroclass Eca.

Product Specifications

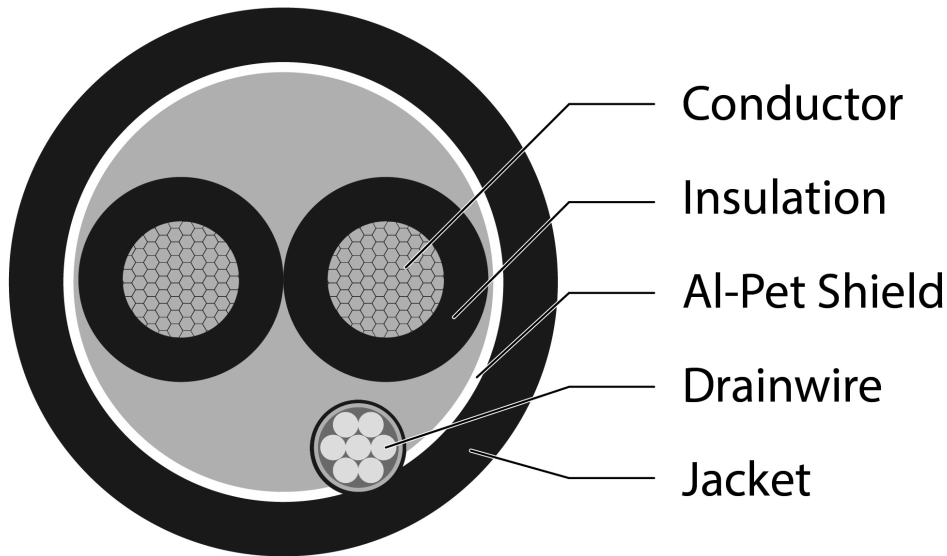
Feature	Values
Diameter of conductor	TC 0.25 ±0.008 x 16
AWG size	18
Core identification	White/Black
Overall screening	Foil
Outer sheath material	LSZH
Outer sheath colour	Grey
Flame retardant according to IEC 60332-1-2	yes
Halogen free (acc. IEC 60754-2)	yes
Reaction-to-fire class according to EN 13501-6	Eca
Outer diameter approx.	5.6mm ± 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)
WFD	Compliant to Waste Framework Directive
SCIP	Compliant - Does Not Contain Substances of Concern in Products

Partcodes

Partcodes	Description
1801P0FP	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