

Ideal for use with Mag Locks and Door Contacts

Eca Euro Class LSZH Cable

DoP and Test Class printed on Cable

Temperature Rating -20°C to 70°C

Voltage Rating 300V Max

Eight Core Overall Foil Cable

CIBSE TM65 Embodied Carbon: 0.304 kg CO2e

Product Overview

Aura Multicore cables manufactured and designed for sound broadcast, audio and instrumentation offering an alternative Belden style cable, with tinned copper conductors. An eight 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	8
Core identification	black, White, Red, Green, brown, blue, Orange, Yellow
Overall screening	Foil
Outer sheath material	LSZH
Outer sheath colour	Grey
Flame retardant according to IEC 60332-1-2	yes

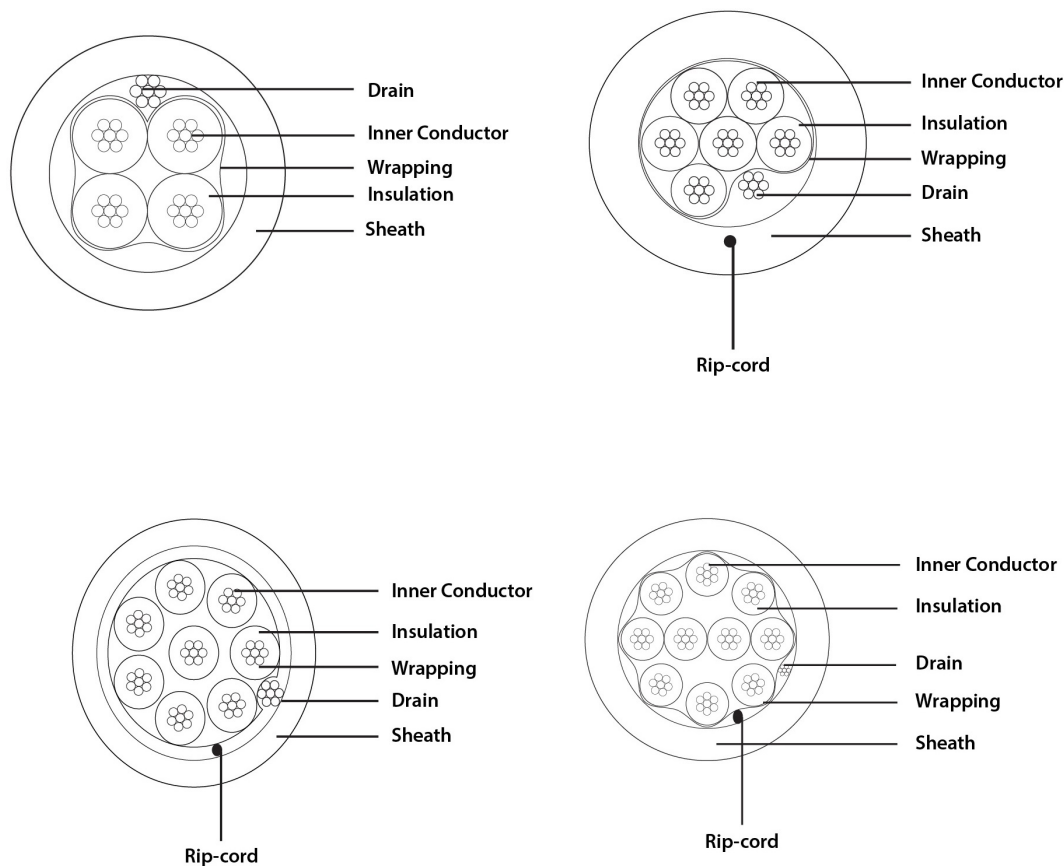
Item Code: 2408COFV

Halogen free (acc. IEC 60754-2)	yes
Reaction-to-fire class according to EN 13501-6	Eca
Outer diameter approx.	5.70mm \pm 0.2
Min. permitted bending radius, stationary application/permanent installation	50 mm
Operating Temperature Range	-20...70 °C
Category	Multicore Overall Screened

Additional specifications

Features	Values
Conductors	TC 0.20 (\pm 0.008) mm x7 Stranded tinned copper
Insulation thickness (4-6 cores)	1.10 (\pm 0.13) mm
Insulation thickness (8-10 cores)	1.15 (\pm 0.13) mm
Drain Wire	TC 0.20 (\pm 0.008) mm Stranded tinned copper
Max conductor DC resistance at 20°C	< 9.41 Ω /100m
Min insulation DC resistance at 20°C (M Ω *M)	> 200
Test Voltage	1500 V

Cross-section diagram



Standards

Applicable standard	Detail
UL VW-1	UL1581 Standard for Vertical Flame Test
UL 758	Standard for Appliance Wiring Material
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
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; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article

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	33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Part Number Table

Part Number	Description
2404COFV	aura 24AWG 4 Core Belden Alternative Multicore Cable SCR LSZH Eca Type 9534 Per Metre Grey
2404COFV1	aura 24AWG 4 Core Belden Alternative Multicore Cable SCR LSZH Eca Type 9534 100m Grey
2406COFV	aura 24AWG 6 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9536 Per Metre Grey
2406COFV-100	aura 24AWG 6 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9536 100m Grey
2408COFV	aura 24AWG 8 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9538 Per Metre Grey
2408COFV-100	aura 24AWG 8 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9538 100m Grey
2408COFV-WT	aura 24AWG 8 Core Belden Alternative Multicore Cable F/SCR LSZH Eca Type 9538 Per Metre White
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
2415COFV	Excel Grey 15 Core Cable - 500 Metre Reel

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.