

# Speaker Cable 4 Core Black LSZH



## PRODUCT OVERVIEW

Our Oxygen-Free Copper (OFC) speaker cable, renowned for its superior performance and reliability.

The OFC construction ensures that the cable runs cooler than other conductors, enhancing resistance to shorts and promoting longevity. Paired with its durable build, this cable guarantees secure sound transmission, resulting in exceptional audio quality.



### ADI-SPKSS4C2.5LSZHBLK100

## FEATURES

Our OFC speaker cable delivers excellent performance and durability, available in 1.5mm (189 strands) or 2.5mm (322 strands) for superior sound quality.

Oxygen free copper conductors

100 metre reels

Black RAL 9005

Reaction for Fire Rating - Eca (CPR Rating)

Manufactured and tested to CE2014/30/EU, RoHS2 2011/65/EU (PO) (m) standards

Sequential reverse metre markings (100-0)

14 American Wire Gauge (AWG)



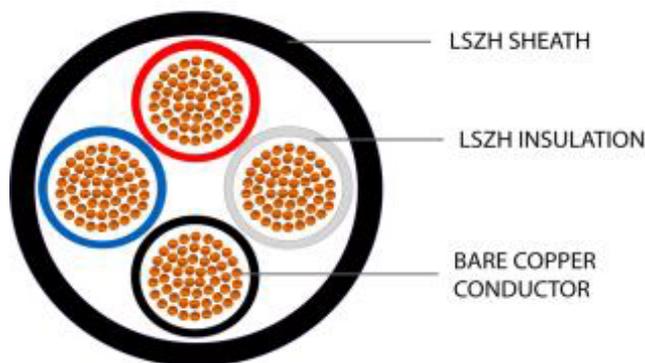
10 Year Warranty

For more information contact your ADI sales person

Rev: v1 November 24



## CROSS-SECTION DIAGRAM



## PRODUCT SPECIFICATIONS

Conductor: Oxygen Free Copper

Conductor Size: AWG 14

Overall Diameter (mm): 10.00 ±0.20

Impedance (1-100Mhz): 100Ω ±15Ω

Insulation: LSZH

Insulation Thickness (mm): 0.48

Insulation Diameter (mm): 3.00 ± 0.15

Insulation Colour(s): Red, Black, Blue, White

Jacket: UV LSZH

Jacket Thickness (mm): 0.80 ± 0.01

Rated Temperature: -40°C to 70°C

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## CONSTRUCTION PRODUCTS REGULATIONS (CPR)

EURO CLASS (ca:cable)	CLASSIFICATION CRITERIA		CPR Description	CPR GUIDE		
	FIRE RATING					
Reaction to Fire BS EN ISO 1716				SUBCLASSIFICATIONS FOR EUROCLASSES B <sub>ca</sub> to D <sub>ca</sub>		
<b>A<sub>ca</sub></b>	Does not contribute to the fire		Due to availability, it will be almost impossible for a cable to meet A <sub>ca</sub> , so they should only be specified with extreme caution.	<b>(S) SMOKE PRODUCTION</b>	<b>(D) FLAMING DROPLETS</b>	<b>(A) SMOKE ACIDITY</b>
Reaction to Fire BS EN 50399				BS EN 50399/BS EN 61034-2	BS EN 50399	BS EN 60754-2
<b>B1<sub>ca</sub></b>	Minimum contribution to the fire		It's highly unlikely the commonly-used cables will be classified to Class B1 <sub>ca</sub> .	s1a: s1 + transmittance >=80% (BS EN 61034-2)	d0: No fall of droplets or flaming particles, times for 1200 seconds	a1: Very low acidity (conductivity <2.5 μS/mm & pH >4.3)
<b>B2<sub>ca</sub></b>	Combustible, low flame spread & heat release contribution to the fire		Similar to Class C <sub>ca</sub> , although a lower acceptable heat release rate and burn measurement. In practice, this is likely to be the highest class cables will meet.	s1b: s1 + transmittance >=60% <80% (BS EN 61034-2)	d1: Fall of droplets or flaming particles that persist for less than 10 seconds, timed for 1200 seconds	a2: low acidity (conductivity <10 μS/mm & pH >4.3)
<b>C<sub>ca</sub></b>	Combustible, moderate flame spread & heat release		This is a more rigorous test than Class D <sub>ca</sub> , this is widely accepted across Europe as the 'go to' classification, but be aware, many cables do not meet Class C <sub>ca</sub> though availability is improving.	s1: Low production of slow propagation of smoke	s2: Intermediate production & propagation of smoke	s3: None of the above
<b>D<sub>ca</sub></b>	Combustible, moderate flame spread & heat release		This classification has relatively little use or acceptance within specifying/contracting organisations. This is because no large scale fire growth is measured.	d2: None of the above	a2: None of the above	
Reaction to Fire BS EN 60332-1-2				<b>Visit us online:</b> <a href="http://www.adiglobal.com">www.adiglobal.com</a>		
<b>E<sub>ca</sub></b>	Combustible, limited fire spread of less than 425mm		A basic test for vertical flame propagation for a single insulated wire or cable using a 1 KW pre-mixed flame. Note: This test does not measure heat release, toxic fumes or smoke.			
<b>F<sub>ca</sub></b>	Combustible, fire spread of more than 425mm		Cables classified to Class F <sub>ca</sub> may have high levels of flammability due to the materials they are made of. This does not mean that the cable cannot be used, it is more likely to be used external.	Classes A to E have to be tested by an independent authorised laboratory. Most cables will fall into classes B2 <sub>ca</sub> to E <sub>ca</sub> . For a cable to meet A <sub>ca</sub> , B1 <sub>ca</sub> , B2 <sub>ca</sub> or C <sub>ca</sub> , there also needs to be regular on-going factory audits.		

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