



Product: [50668129U](#)

2C6 mm2 XLP/LSZH Speaker Cable B1 Rating

Product Description

2C6 mm2, Stranded bare copper conductor, XLPE insulated, cores laid up together & binded by non-woven tape binder & Overall low smoke zero halogen single jacket speaker cable

Technical Specifications

Product Overview

Suitable Applications:	Security Systems, Intercom/PA Systems, Sound/Audio Systems, Control Systems
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Construction Details

Conductor

Element	No. of Elements	Stranding	Stranding Class	Material
Conductor(s)	2	Class 6	Class 6	BC - Bare Copper

Insulation

Material	Color Code
XLP, XLPO, XLPE	Black, Red

Table Notes:	All Cores laid up together & binded by FR Non- woven tape binder
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Outer Jacket

Material
LSZH - Low Smoke Zero Halogen (Flame Retardant)

Overall Cable Diameter (Nominal): 12.3 mm (0.484 in)

Electrical Characteristics

Electricals	
Max. Conductor DCR	
3.3 Ω/km @ 20°C	
Voltage	
Voltage Rating	
300 V	

Mechanical Characteristics

Temperature	
Operating	
-30°C To +90°C	
Bulk Cable Weight:	221 kg/km (149 lbs/1000ft)

Standards and Compliance

Flammability / Reaction to Fire:	IEC 60332-1-2, IEC 60332-3-24
ISO/IEC Compliance:	Smoke Density as per IEC 61034-2, IEC 61034-2 - Smoke Density Min Transmittance = 60%
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = Max. 0.5%, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 10 μS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3

Product Notes

Notes:	GB31247 B1(d1,t0,a1)
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History

Update and Revision:	Revision Number: 0.19 Revision Date: 05-31-2024
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