



Product: [7991US](#) 

Safe-T-Line® 2 x 1.5mm² Sol BC, Unshielded, LSZH, BS6387 CWZ

Product Description

Safe-T-Line Cable 2 x 1.5mm² Sol BC Fire resistant, BS 6387 CWZ, EN 50200 PH120, Unshielded, Silicone Rubber insulation, Low Smoke Zero Halogen Jacket

Technical Specifications

Product Overview

Suitable Applications:	Circuit integrity, Intercom/PA Systems, Sound/Audio Systems, Control Systems, Fire Alarm Systems, Voice Evacuation Systems, Emergency & Safety Systems
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Construction Details

Conductor

No. of Elements	Size	Stranding	Material
2	1.5 mm ²	Solid	BC - Bare Copper

Insulation

Material	Nom. Insulation Diameter	Color Code	Notes
Silicone Rubber	2.80 mm (0.110 in)	Brown, Blue	MGT over the Silicone

Insulation Table Notes:	2 wires cabled minimum 9 twists/meter
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Outer Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.4 mm (0.33 in)

Electrical Characteristics

Electricals

Max. Conductor DCR
12.1 Ohm/km (3.69 Ohm/1000ft)

Voltage

Voltage Rating
300/500 V

Mechanical Characteristics

Temperature

Operating	Installation
-20 to +90	-10 to +70

Bend Radius

Installation Min.
6 x D

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	IEC 60332-1-2, IEC 60332-3-24, IEC 60332-3-25, IEC 60331-2, EN50200 PH30, PH60,PH120. EN50200 Annex E30, BS6387:2013 CWZ

CENELEC Compliance:	EN 60228
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = IEC 60754-1, IEC 61034-2 - Smoke Density Min. Transmittance = 60%
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2)
UK Regulation Compliance:	UKCA Mark

Product Notes

Notes:	BS6387 CWZ: C- Fire @ 950°C - 180min, W - Fire & water @ 650°C - 15 + 15 min.,Z - Fire & mechanical shocks @ 950°C -15 min. Country of Origin printed on the jacket,, UL certified E555838
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History

Update and Revision:	Revision Number: 0.9 Revision Date: 10-05-2026
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