



Product: [79210ULW](#) 

Life Cycle Status: Capability

Safe-T-Line® 2x1.0mm2 Str BC, LSZH, EN50200 PH120, Cca

Product Description

Safe-T-Line 2 x 1.0mm2 Str BC Fire resistant approved Multi-conductor EN 50200 PH120, Unshielded, Silicone Rubber insulation, Low Smoke Zero Halogen Jacket, Cca

Technical Specifications

Product Overview

Suitable Applications: Unshielded Fire-Resistant cable 120 minutes for Voice Evacuation systems and Emergency Call systems. Halogen free, low emission of toxic fumes and gases and flame retardants. Suitable for indoor installations in public spaces.

Product Life Cycle

Life Cycle: Capability - the product is not yet standardly available for orders but can be manufactured

Construction Details

Conductor

No. of Elements	Size	Stranding	Material
2	1 mm ²	Stranded	BC - Bare Copper

Insulation

Material	Color Code	Notes
Silicone Rubber	Red, Black	Silicone Rubber G29 type

Outer Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.20 mm (0.244 in)

Electrical Characteristics

Electricals

Max. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance
19 Ohm/km	60 pF/m (18 pF/ft)	0.65 uH/m

Voltage

Voltage Rating
100 V

Mechanical Characteristics

Temperature

Installation
-20°C To +90°C

Bend Radius

Installation Min.
12*D

Bulk Cable Weight: 5 Kg/100m

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Cca
Flammability / Reaction to Fire:	IEC 60332-1-2, IEC 60332-3-25
CPR Compliance:	CPR Euroclass: Cca-s1b,d1,a1
European Halogen Free Standards:	IEC 60754-1 - Halogen Amount = Pass, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 120

Product Notes

Notes:	This is a preliminary Technical Design Specification (TDS). The minimum business quantity to offer is 3km for the first order. This product will have Red as standard color and 500mt as standard put-ups. Additional options for colors and put-ups are available on special request. The estimated production lead time for the first order is about 3 to 4 weeks. Please liaise with your Belden representative for confirmation.
--------	--

History

Update and Revision:	Revision Number: 0.4 Revision Date: 06-14-2026
----------------------	--

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.