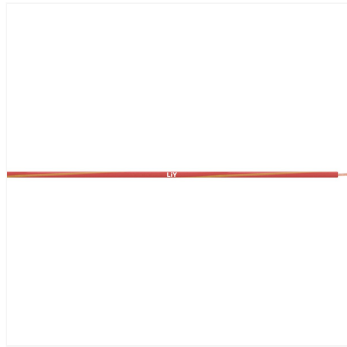


LIY 2CHELIX 1X0,25 WHBU**Article No.:** 4502442S

Single conductor; 1X0.25; white/blue; Spool; PVC; Fixed Installation

**Details****Benefits**

- Compact design for easy processing.
- Versatile use in various applications and environments.
- Different conductor insulation colors available.
- The two-color spiral allows the cable to be identified quickly in tight spaces.

Application

- For wiring circuits inside machines.
- Suitable for wiring inside control cabinets.
- For fixed and protected installation.
- Can be used in dry and damp rooms.
- Use at temperatures up to 30°C possible.

Notes

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

The absence of PWIS raw materials does not protect against the potential risk of contamination with substances that interfere with the paint wetting during subsequent handling of the product(s) during transport, storage or further processing after delivery.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Trade product, not a LAPP product.

Remarks

Trade product, not a LAPP product.

Technical Data

General information

Product type	Single conductor
Copper index	16.13 lb/10000 ft
Single core packaging type	Spool
Length per PU	820.21 ft

Electrical parameters

Product design

Li-stranded cables	LiY
Cable dimension	1X0.25
Nominal cross section conductor (mm ²)	0.25 mm ²
Conductor material	Bare Copper
Conductor design	IEC 60228 class 5: fine-wire
Number of cores	1
Nominal outer diameter	0.059 in
Cable form	Round
Core insulation base material	Polyvinylchloride
Conductor insulation basic material, short form	PVC
Single core color	white/blue
Single conductor identification	Helix, two-colored

Product features

Application area	Fixed Installation
Minimum bending radius, stationary	4 x outer diameter
Minimum bending radius in inch, fixed installation	0.236 in
Temperature, fixed installation	-30 °C to 70 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	No
Ozone-resistant	No
Halogenfree	No
Oil resistant	No
PWIS-free	Yes
PWIS-free according to	VDMA 24364-B2-L

Certifications and standards

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭC N RU Д-DE.АЮ64.В.00130/20, EAЭC N RU Д-DE.РА01.В.47116/21
VDE certified	No
HAR-certified	No
Resistance to flame propagation tested according to UN/ECE-R118	No

LiY with twin colour helix insulation

Article No.	Name	Nominal cross section conductor (mm ²)	Single core color	Nominal outer diameter	Copper index
4502232S	LIY 2CHELIX 1X0,25 BUBK	0.25 mm ²	blue/black	0.059 in	16.13 lb/10000 ft
4502262S	LIY 2CHELIX 1X0,25 BUWH	0.25 mm ²	blue/white	0.059 in	16.13 lb/10000 ft
4502282S	LIY 2CHELIX 1X0,25 BNGN	0.25 mm ²	brown/green	0.059 in	16.13 lb/10000 ft
4502292S	LIY 2CHELIX 1X0,25 BNWH	0.25 mm ²	brown/white	0.059 in	16.13 lb/10000 ft
4502302S	LIY 2CHELIX 1X0,25 YEBK	0.25 mm ²	yellow/black	0.059 in	16.13 lb/10000 ft
4502342S	LIY 2CHELIX 1X0,25 GNWH	0.25 mm ²	green/white	0.059 in	16.13 lb/10000 ft
4502372S	LIY 2CHELIX 1X0,25 VTWH	0.25 mm ²	violet/white	0.059 in	16.13 lb/10000 ft
4502392S	LIY 2CHELIX 1X0,25 OGWH	0.25 mm ²	orange/white	0.059 in	16.1 lb/10000 ft
4502402S	LIY 2CHELIX 1X0,25 RDBK	0.25 mm ²	red/black	0.059 in	16.13 lb/10000 ft
4502432S	LIY 2CHELIX 1X0,25 WHBK	0.25 mm ²	white/black	0.059 in	16.13 lb/10000 ft
4502442S	LIY 2CHELIX 1X0,25 WHBU	0.25 mm ²	white/blue	0.059 in	16.13 lb/10000 ft
4502462S	LIY 2CHELIX 1X0,25 WHRD	0.25 mm ²	white/red	0.059 in	16.13 lb/10000 ft

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