

**UNITRONIC® RE-2Y(ST)YV S 4X2X1,3 BU****Article No.:** 1032453

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**CE****Details****Benefits**

- Very robust due to reinforced outer jacket with a wall thickness of at least 1.8 mm (0.07 in).
- The conductor circuits are well decoupled thanks to the twisted pair (TP) with short lay lengths.
- Classified fire behavior according to EU Directive 305/2011 (BauPVO/CPR) with article number selection on the LAPP website.

**Application**

- Can be used universally at machine interfaces for many applications for data and signal transmission in the low-frequency range.
- For use in control, regulating and measurement circuits.
- Can be used in dry and damp environments.
- Black variants are suitable for outdoor use.

**Notes**

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

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

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.

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.

### Remarks

### Technical Data

#### General information

Brand	UNITRONIC®
Product type	Computer cable
Copper index	766.04 lb/10000 ft

#### Electrical parameters

Test voltage conductor/conductor	2 kV
Test voltage conductor/shielding	1 kV

#### Product design

RE-Process computer cables	RE-2Y(ST)Yv
Cable dimension	4X2X1.3
Nominal cross section conductor (mm <sup>2</sup> )	1.3 mm <sup>2</sup>
Conductor material	Bare Copper
Conductor design	7-wire
Including protective ground	No
Number of pairs	4
Stranding type	Twisted-pair
Shielded	Yes
Type of overall shielding	Aluminum-laminated plastic foil
Nominal outer diameter	0.508 in

Cable form	Round
Core insulation base material	Polyethylene
Conductor insulation basic material, short form	PE
Additional communication conductor	Yes
Basic material of outer jacket	Polyvinylchloride
Base material of outer sheath, shortname	PVC
With reinforced outer jacket	Yes
Outer jacket color	blue
Core identification	Colors and Numbers

### Product features

Application area	Flexible Fixed Installation
Minimum bending radius, stationary	7.5 x outer diameter
Minimum bending radius in inch, fixed installation	3.811 in
Minimum bending radius, occasionally moved	15 x outer diameter
Minimum bending radius in mm, occasionally moved	7.618 in
Temperature, fixed installation	-40 °C to 80 °C max. conductor temperature
Temperature, occasionally moved	-5 °C to 50 °C max. conductor temperature
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	No
Ozone-resistant	Yes
Halogenfree	No
Oil resistant	No
PWIS-free	Yes
PWIS-free according to	VDMA 24364-B2-L

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**Certifications and standards**

CE marking	Yes
VDE certified	No
CPR fire class	Eca
Resistance to flame propagation tested according to UN/ECE-R118	No

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**UNITRONIC® RE-2Y(ST)Yv**

Article No.	Name	Number of pairs	Nominal cross section conductor (mm <sup>2</sup> )	Outer jacket color	Nominal outer diameter	Copper index
0032413	UNITRONIC® RE-2Y(ST)YV S 4X2X0,5 BK	4	0.5 mm <sup>2</sup>	black	0.437 in	335.99 lb/10000 ft
1032401	UNITRONIC® RE-2Y(ST)YV S 2X2X0,5 BU	2	0.5 mm <sup>2</sup>	blue	0.335 in	201.59 lb/10000 ft
1032412	UNITRONIC® RE-2Y(ST)YV S 2X2X0,5 BK	2	0.5 mm <sup>2</sup>	black	0.335 in	201.59 lb/10000 ft
1032423	UNITRONIC® RE-2Y(ST)YV S 2X2X1,3 BU	2	1.3 mm <sup>2</sup>	blue	0.402 in	416.62 lb/10000 ft
1032431	UNITRONIC® RE-2Y(ST)YV S 2X2X1,3 BK	2	1.3 mm <sup>2</sup>	black	0.402 in	416.62 lb/10000 ft
1032440	UNITRONIC® RE-2Y(ST)YV S 1X2X0,5 BU	1	0.5 mm <sup>2</sup>	blue	0.283 in	100.8 lb/10000 ft
1032452	UNITRONIC® RE-2Y(ST)YV S 1X2X1,3 BU	1	1.3 mm <sup>2</sup>	blue	0.331 in	208.31 lb/10000 ft
1032453	UNITRONIC® RE-2Y(ST)YV S 4X2X1,3 BU	4	1.3 mm <sup>2</sup>	blue	0.508 in	766.04 lb/10000 ft
1032457	UNITRONIC® RE-2Y(ST)YV S 1X2X1,3 BK	1	1.3 mm <sup>2</sup>	black	0.331 in	208.31 lb/10000 ft
1032458	UNITRONIC® RE-2Y(ST)YV S 4X2X1,3 BK	4	1.3 mm <sup>2</sup>	black	0.508 in	766.04 lb/10000 ft
1032459	UNITRONIC® RE-2Y(ST)YV S 8X2X1,3 BK	8	1.3 mm <sup>2</sup>	black	0.646 in	1464.89 lb/10000 ft
1032461	UNITRONIC® RE-2Y(ST)YV S 24X2X1,3 BK	24	1.3 mm <sup>2</sup>	black	0.992 in	4596.27 lb/10000 ft

V1.1