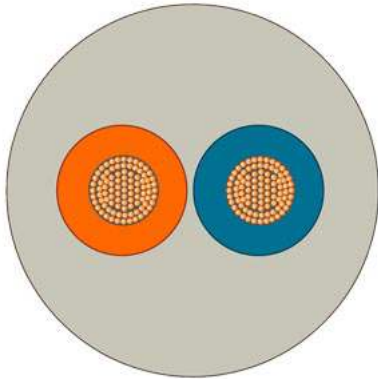


### product type designation

product description



### Energy cable 2 x 0.75

Power cable (2-core), sold by the meter, unassembled

Energy cable, 2-wire power line, stranded wire, 2x 0.75 mm<sup>2</sup>, trailable  
Delivery unit max. 2000 m minimum order quantity 20 m sold by the meter

suitability for use

Connection of signaling contact and 24 V power supply to SCALANCE X and SCALANCE W

cable designation

L-YY-2x1x0.75 GR

### electrical data

insulation resistance coefficient

1 GΩ·m

operating voltage / RMS value

600 V

conductor cross section / of the power line

0.75 mm<sup>2</sup>

continuous current / of the power lines

6 A

### mechanical data

number of electrical cores

2

outer diameter

- of inner conductor

1.3 mm

- of the wire insulation

2.5 mm

- of cable sheath

7.4 mm

symmetrical tolerance of the outer diameter / of cable sheath

0.3 mm

design of stranding element

Pairs

conductor class

5

material

- of the conductor

CU, blank

- of the wire insulation

PVC

- of cable sheath

PVC

product component / PE connection

No

marking / of cores

Color

color

- of the power line insulation

brown / blue

- of cable sheath

gray

bending radius

- with single bend / minimum permissible

19 mm

- with multiple bends / minimum permissible

45 mm

- with continuous bending

57 mm

number of bending cycles

100000

tensile load / maximum

100 N

weight per length

70 kg/km

### ambient conditions

ambient temperature

- during operation

-20 ... +80 °C

- during storage

-20 ... +80 °C

<ul style="list-style-type: none"> <li>during transport</li> <li>during installation</li> </ul>	-20 ... +80 °C
fire behavior	-20 ... +80 °C
class of burning behaviour / according to EN 13501-6	Flame-resistant acc. to IEC 60332-1
chemical resistance	Eca
<ul style="list-style-type: none"> <li>to mineral oil</li> <li>to grease</li> <li>to water</li> </ul>	Conditional resistance Conditional resistance Conditional resistance
radiological resistance / to UV radiation	resistant
<b>product features, product functions, product components / general</b>	
product feature	
<ul style="list-style-type: none"> <li>halogen-free</li> <li>silicon-free</li> </ul>	No Yes
<b>standards, specifications, approvals</b>	
UL/ETL listing / 300 V Rating	Yes; CL3
UL/ETL style / 600 V Rating	Yes
certificate of suitability	
<ul style="list-style-type: none"> <li>EAC approval</li> <li>RoHS conformity</li> </ul>	Yes Yes
<b>further information / internet-Links</b>	
Internet-Link	
<ul style="list-style-type: none"> <li>to web page: selection aid TIA Selection Tool</li> <li>to website: Industrial communication</li> <li>to website: Industry Mall</li> <li>to website: Information and Download Center</li> <li>to website: Selection guide for cables and connectors</li> <li>to website: Image database</li> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> </ul>	<a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a> <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a> <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a> <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a> <a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a> <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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