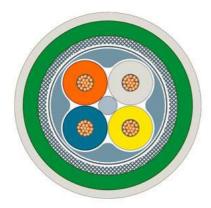
SIEMENS

Data sheet 6XV1881-2A

product description



Robust, flexible bus cable (4-core), sold by the meter, unassembled

Industrial Ethernet FastConnect TP robust food GP cable 2x2 (PROFINET Type C), TP installation cable for for use in the food beverages and tobacco industry, 4-core CAT5E, sold by the meter, delivery length max. 1000 m, Minimum order quantity: 20 m.

suitability for use

Cable with FEP jacket (fluorinated plastic, perfluoroethylene propylene) for use in the food, beverages and tobacco industries (IP65/67/69 resistant, EHEDG approval). Line is water-repellent, weather-proof, resistant to microbes, and extremely resistant to many cleaning agents and disinfectants (such as hypochlorite, chlorine dioxide, peroxyacetic acid, and quaternary ammonium cations).

acid, and quaternary ammonium cations). cable designation 2YY(ST)CY6Y 2X2X0.75/1.55 LI VZN electrical data attenuation factor per length • at 10 MHz / maximum 0.095 dB/m • at 100 MHz / maximum 0.32 dB/m impedance 100 Ω • at 1 MHz ... 100 MHz relative symmetrical tolerance • of the characteristic impedance at 1 MHz ... 100 5 % MHz near-end crosstalk per length • at 1 MHz ... 100 MHz 0.353 dB/m transfer impedance per length / at 10 MHz $80 \text{ m}\Omega/\text{m}$ loop resistance per length / maximum 120 mΩ/m operating voltage • RMS value 80 V NVP value in percent 63 % mechanical data number of electrical cores Overlapped aluminum-clad foil, sheathed in a braided screen of tindesign of the shield plated copper wires type of electrical connection / FastConnect Yes core diameter • of AWG22 insulated conductor 0.75 mm outer diameter of inner conductor 0.75 mm of the wire insulation 1.56 mm • of the inner sheath of the cable 4 mm · of cable sheath 6.5 mm symmetrical tolerance of the outer diameter / of cable 0.2 mm sheath material

• of the wire insulation

• of the inner sheath of the cable

PVC

polyethylene (PE)

calor • of the insulation of data wires • of cabe sheath bending radius • with multiple bends' minimum permissible • with continuous bending number of bending cycles number of bending cycles 100 mm 1000000 number of bending cycles 100 mm 1000000 number of bending cycles • with continuous bending rable length 100 mm 1000000 1000000 10000000 100000000	of cable sheath	PVC/FEP; FEP transparent
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• according to IEC 81346-2:2019 WGB		
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further information / internet-Links		WGB
	further information / internet-Links	

Internet-Link

• to web page: selection aid TIA Selection Tool

• to website: Industrial communication

• to website: Industry Mall

• to website: Information and Download Center

• to website: Selection guide for cables and

connectors

• to website: Image database

to website: CAx-Download-Managerto website: Industry Online Support

last modified:

http://www.siemens.com/tia-selection-tool

http://www.siemens.com/simatic-net

https://mall.industry.siemens.com

http://www.siemens.com/industry/infocenter

https://sie.ag/2QdlxcP

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

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