

### product type designation

product description

### 7/8 inch connecting cable

Plug-in cable (5-core), preferred length, preassembled with two 5-pole 7/8 inch male/female-contact connectors

7/8" plug-in cable for Power supply of the ET 200, pre-assembled cable with 2 7/8" connectors, 5-pole, 0.3 m .



Technical Product Detail Page

<https://i.siemens.com/1P6XV1822-5BE30>

suitability for use

Power supply of ET 200 modules with 7/8 inch power port to IP 65 degree of protection

cable designation

L-Y11Y-Z 5x1x1.5 GR

wire length

0.3 m

### electrical data

insulation resistance coefficient

1 GΩ·m

operating voltage / RMS value

600 V

conductor cross section / of the power line

1.5 mm<sup>2</sup>

continuous current / of the power lines

16 A

### mechanical data

number of electrical cores

5

type of electrical connection

7/8 inch - 180

outer diameter

- of inner conductor

1.55 mm

- of the wire insulation

2.73 mm

- of cable sheath

10.5 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

PUR

product component / PE connection

Yes

marking / of cores

Color, digits

color

- of the power line insulation

black

- of cable sheath

gray

bending radius

- with single bend / minimum permissible

27 mm

- with multiple bends / minimum permissible

63 mm

- with continuous bending

75 mm

number of bending cycles

5000000; For use in cable carriers, for 5 million bending cycles with a bending radius of 75 mm, an acceleration of 4 m/s<sup>2</sup> and a speed of 180 m/min

tensile load / maximum

500 N

weight per length

149 kg/km

plug	
type of plug interlock	screwed
design of plug-in connection	7/8 inch - 180
connector coding	7/8 inch
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>during installation</li> </ul>	-40 ... +80 °C
fire behavior	Flame-resistant acc. to IEC 60332-1
chemical resistance	
<ul style="list-style-type: none"> <li>to mineral oil</li> <li>to grease</li> </ul>	resistant
radiological resistance / to UV radiation	resistant
protection class IP	IP65 / 67
product features, product functions, product components / general	
product feature	
<ul style="list-style-type: none"> <li>halogen-free</li> <li>silicon-free</li> </ul>	No Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	No
UL/ETL style / 600 V Rating	Yes
certificate of suitability	UL2238 E300110
<ul style="list-style-type: none"> <li>EAC approval</li> <li>RoHS conformity</li> </ul>	Yes Yes
further information / internet links	
internet link	
<ul style="list-style-type: none"> <li>to website: Selection guide for cables and connectors</li> <li>to web page: selection aid TIA Selection Tool</li> <li>to website: Industrial communication</li> <li>to web page: SiePortal</li> <li>to website: Image database</li> <li>to website: CAX-Download-Manager</li> <li>to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a> <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
security information	
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