

Product type designation	7/8 inch connecting cable
Product description	Plug-in cable (5-core), preferred length, preassembled with two 5-pole 7/8 inch male/female-contact connectors SIMATIC NET, 7/8" CONN. CABLE FOR POWER SUPPLY OF ET200, PREASSEMBLED CABLE WITH 2 7/8" CONNECTORS, 5-PIN, 10 M
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	10 m
Electrical data	
Insulation resistance coefficient	1 GΩ·m
Operating voltage / RMS value	600 V
Conductor cross section / of the power wire	1.5 mm ²
Continuous current / of the power wires	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	Cl.5
Material	
• of the conductor	CU, blank
• of the wire insulation	PVC
• of cable sheath	PUR
Marking / of cores	Color, digits
Color	
• of the power wire 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 ² and a speed of 180 m/min
Tensile load / maximum	500 N
Weight per length	149 kg/km

connector

Type of plug interlock	screwed
Design of plug-in connection	7/8 inch - 180
Connector coding	7/8 inch

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport during installation 	-40 ... +80 °C -40 ... +80 °C -40 ... +80 °C -40 ... +80 °C
Burning behavior	Flame-resistant acc. to IEC 60332-1
Chemical resistance	
<ul style="list-style-type: none"> to mineral oil to grease 	resistant resistant
Radiological resistance / to UV radiation	resistant
Protection class IP	IP65 / 67

Product properties, functions, components / general

Product feature	
<ul style="list-style-type: none"> halogen-free silicon-free 	No Yes

Standards, specifications, approvals

UL/ETL listing / 300 V Rating	No
UL/ETL style / 600 V Rating	Yes
Certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity 	Yes

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database to website: CAx Download Manager to website: Industry Online Support 	http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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