

product type designation	<b>Power adapter cable for MV540, M16 12-pin to M12 12-pin</b>
product description	Communication line (12-core) Power adapter cable for MV540 For connection with MV500 devices w. Power-DIO-RS232 cable of MV400 devices; configured on both sides: 1) M12 12-pole socket 2) M16 12-pole connector Length: approx. 50 cm;
Technical Product Detail Page	<a href="https://i.siemens.com/1P6GF3500-8BA20">https://i.siemens.com/1P6GF3500-8BA20</a>
suitability for use	Plug-in cable for adapting an existing MV400 installation to an MV500 device
cable designation	Li2YC 11Y
wire length	0.5 m
<b>electrical data</b>	
number of electrical connections	2
type of electrical connection	M16 (male, 12-pin, straight) / M12 (female, 12-pin, angled)
operating voltage	
• maximum	30 V
<b>mechanical data</b>	
number of electrical cores	12
design of the shield	Braided shield made of tin-plated copper wires
outer diameter	
• of cable sheath	7.8 mm
symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm
material	
• of the wire insulation	polyethylene (PE)
• of cable sheath	PUR
color	
• of the insulation of data wires	DIN 47100
• of cable sheath	Black
<b>ambient conditions</b>	
ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-25 ... +70 °C
• during transport	-25 ... +70 °C
• during installation	-5 ... +70 °C
fire behavior	not specified
<b>product features, product functions, product components / general</b>	
product feature	
• halogen-free	Yes
<b>standards, specifications, approvals</b>	
UL/ETL listing / 300 V Rating	No
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
• to web page: SiePortal	<a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>
• to website: Image database	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>
• to website: CAX-Download-Manager	<a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>security information</b>	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible

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**Approvals / Certificates**

**General Product Approval**



[China RoHS](#)



[Manufacturer Declaration](#)

**General Product Approval**

**EMV**

**For use in hazardous locations**



[Miscellaneous](#)



**For use in hazardous locations**

**Maritime application**

[FM](#)

[CCC-Ex](#)



**Maritime application**

[NK / Nippon Kaiji Kyokai](#)



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