

product type designation	<b>Power-IO-DATA cable MV500, open strands / M12 12-pin</b>
product description	Communication line (12-core) power IO data cable MV500 30 m for MV540 devices (MLFB: 6GF3540-0CD10,...-0GE10,... -0LE10; -0HE10) M12 12-pole socket pre-assembled on one side, bare end, length 30 m.
Technical Product Detail Page	<a href="https://i.siemens.com/1P6GF3500-8BA41">https://i.siemens.com/1P6GF3500-8BA41</a>
suitability for use	Plug-in cable for MV500 for wiring of 24 V, RS232 and DI/DO at the customer's end
cable designation	Li2YC 11Y
wire length	30 m
<b>electrical data</b>	
number of electrical connections	2
type of electrical connection	Cut off / 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

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## Approvals / Certificates

### General Product Approval



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