

Data sheet

6GF3500-8BA21

Product type designation	Power-IO-DATA cable MV500, open strands / M12 12-pin
Product description	Communication line (12-core) Power-IO-DATA cable MV500 10 m For MV540 devices (MLFB: 6GF3540-0CD10,... - 0GE10,... -0LE10; -0HE10) M12 12-pole socket Pre-assembled at one end, open end, length 10 m
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	10 m

Electrical data

Number of electrical connections	1
Type of electrical connection	Cut off / M12 (female, 12-pin, angled)
Operating voltage	
• maximum	30 V

Mechanical data

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

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-25 ... +70 °C
• during transport	-25 ... +70 °C
• during installation	-5 ... +70 °C
Burning behavior	not specified

Product features, product functions, product components / general

Product feature	
• halogen-free	Yes

Standards, specifications, approvals

UL/ETL listing / 300 V Rating

No

Further information / Internet-Links

Internet-Link

- 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

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

<http://www.siemens.com/ident/rfid>

<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>

last modified:

01/20/2020