

Data sheet

6GF3500-8BA41

product type designation	Power-IO-DATA cable MV500, open strands / M12 12-pin
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.
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
electrical data	
number of electrical connections	2
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
fire 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
reference code	
• according to IEC 81346-2	WG
• according to IEC 81346-2:2019	WGB
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
last modified:	12/31/2021 