SIMATIC RF

Product Data Sheet

6GT2891-4FH50

Highly Flexible RS422 Communication Cable

FUNCTION	FAMILY	ORIGIN	WEIGHT
Highly Flexible RS422 Communication C	**SIMATIC RF**	**Germany**	**0.23 kg**

Siemens 6GT2891-4FH50 is a Highly Flexible RS422 Communication Cable for the SIMATIC RF. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

suitability for use	Plug-in or extension cable for connecting a reader to a communication module
cable designation	L-YC11Y 6x1x0.25 6x24AWG CM
wire length	5 m
number of electrical connections	2
type of electrical connection	M12 (male, 8 pin, straight) / M12 (female, 8 pin, straight)
loop resistance per length / maximum	160 mΩ/m
insulation resistance coefficient	20 GΩ·m
operating voltage	
maximum	300 V
number of electrical cores	6

02 ADDITIONAL PRODUCT DATA

design of the shield	Braided shield made of tin-plated copper wires
of cable sheath	5.4 mm
symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm
of the wire insulation	PVC
of the insulation of data wires	DIN 47100

03 OFFICIAL APPLICATIONS

- Control and monitoring systems: Model specific integration and maintenance
- Plant production equipment: Documented signal and communication functions
- Installed base maintenance: Exact article replacement and commissioning

04 SYSTEM COMPATIBILITY

Match 6GT2891-4FH50 to the installed SIMATIC RF, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official technical documentation for 6GT2891-4FH50

C:\Users\Administrator\Desktop\AMIKONG■■■\6GT2891-4FH50.pdf

AMIKON PRODUCT SUPPORT

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