

Data sheet

6GT2391-0AH30

Product type designation

Product description

Antenna cable for HF, M8 / M8

Highly flexible coaxial cable

SIMATIC RF200/RF300 Antenna connection cable PUR, UL 758,

Length 3 m trailing connector M8 straight/M8 angled to be connected between reader and antenna



Suitability for use	Plug-in cable for connecting a short-range HF antenna to a reader via M8 connector
Cable designation	2YCC11Y 0.9/2.85 LI VZN BK
Wire length	3 m

Electrical data

Number of electrical connections	2
Type of electrical connection	M8 (male, 4 pin, straight) / M8 (male, 4 pin, angled)
Impedance	
• Rated value	50 Ω
Loop resistance per length / maximum	74 m Ω /m
Operating voltage	
• maximum	300 V

Mechanical data

Design of the shield	Braided shield made of tin-plated copper wires
Outer diameter	
• of cable sheath	5.6 mm
Material	

• of dielectric • of cable sheath	PE PUR
Color	
• of cable sheath	Black
Bending radius	
• with single bend / minimum permissible • with multiple bends / minimum permissible • with continuous bending	22.4 mm 44.8 mm 75 mm
Number of bending cycles	3000000
Weight per length	51 kg/km

Ambient conditions

Ambient temperature	
• during operation • during storage • during transport • during installation	-40 ... +80 °C -40 ... +80 °C -40 ... +80 °C -40 ... +80 °C
Burning behavior	flame resistant according to IEC 60332-1-2
Radiological resistance / to UV radiation	resistant

Product features, product functions, product components / general

Product feature	
• halogen-free • silicon-free	Yes Yes

Standards, specifications, approvals

UL/ETL listing / 300 V Rating	Yes; UL style 1581, Sec. 1090 (H)
-------------------------------	-----------------------------------

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:	10/26/2019