

product type designation	Antenna cable for HF, M8 / M8
product description	Highly flexible coaxial cable SIMATIC RF200/RF300 Antenna connection cable PUR, UL 758, length 3 m trailing plug M8 straight/M8 angled to be connected between reader and antenna.



suitability for use	plug-in cable for connecting a short-range HF antenna ANT 3, 3S, 8, 12, 18, 30 to a reader via M8 plug
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 mΩ/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	PE
• of cable sheath	PUR
color	
• of cable sheath	Black
bending radius	
• with single bend / minimum permissible	22.4 mm
• with multiple bends / minimum permissible	44.8 mm
• with continuous bending	75 mm
number of bending cycles	3000000
weight per length	51 kg/km
ambient conditions	
ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
• during installation	-40 ... +80 °C
fire 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	Yes

<ul style="list-style-type: none"> silicon-free 	Yes
standards, specifications, approvals	
UL/ETL listing / 300 V Rating	Yes; UL style 1581, Sec. 1090 (H)
reference code	
<ul style="list-style-type: none"> according to IEC 81346-2 	WG
<ul style="list-style-type: none"> according to IEC 81346-2:2019 	WGB
further information / internet links	
internet link	
<ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool 	https://support.industry.siemens.com/cs/ww/en/view/67384964
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/ident/rfid
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx-Download-Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

last modified:

11/18/2021 