

product type designation

Adaptor cable for HF Antenna, M8 / M8

product description

Highly flexible coaxial cable

SIMATIC RF300; Antenna cable (short); for RF350M;.



product brand name	SIMATIC RF
Technical Product Detail Page	https://l.siemens.com/1P6GT2898-0EA00
suitability for use	Adapter cable for connecting the HF antenna ANT 8 to a handheld unit (RF310M) via an M8 connector
cable designation	2YCC11Y 0.9/2.85 LI VZN BK
wire length	0.14 m
electrical data	
number of electrical connections	2
type of electrical connection	M8 (male, 4 pin, straight) / M8 (male, 4 pin, straight)
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
- silicon-free 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: Selection guide for cables and connectors <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- to web page: selection aid TIA Selection Tool <https://www.siemens.com/tstcloud>
- to web page: SiePortal <https://sieportal.siemens.com/>
- to website: Image database <https://www.automation.siemens.com/bilddb>
- to website: CAx-Download-Manager <https://www.siemens.com/cax>
- to website: Industry Online Support <https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval

EMV



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