

product type designation	Antenna cable for UHF, RP-TNC / RP-TNC
product description	Highly flexible coaxial cable SIMATIC RF600 connecting cable for antenna L15; pre-assembled; IP65; trailing ; PE, CMR/MPR, length 15 m.



Technical Product Detail Page	<a href="https://l.siemens.com/1P6GT2815-2BN15">https://l.siemens.com/1P6GT2815-2BN15</a>
suitability for use	Plug-in cable for connecting a UHF antenna to an RF600 reader
cable designation	O2YS(ST)CY 1.4/3.7-50LI
wire length	15 m
<b>electrical data</b>	
number of electrical connections	2
type of electrical connection	R-TNC (female, straight) / R-TNC (female, straight)
attenuation factor per length <ul style="list-style-type: none"> <li>at 900 MHz / maximum</li> </ul>	0.288 dB/m
impedance <ul style="list-style-type: none"> <li>rated value</li> </ul>	50 Ω
loop resistance per length / maximum	30 mΩ/m
operating voltage <ul style="list-style-type: none"> <li>maximum</li> </ul>	1000 V
<b>mechanical data</b>	
design of the shield	Braided shield made of tin-plated copper wires
outer diameter <ul style="list-style-type: none"> <li>of cable sheath</li> </ul>	5.5 mm
symmetrical tolerance of the outer diameter / of cable sheath	0.2 mm
material <ul style="list-style-type: none"> <li>of inner conductor</li> <li>of dielectric</li> <li>of cable sheath</li> </ul>	Cu PE PVC
color <ul style="list-style-type: none"> <li>of cable sheath</li> </ul>	Black
bending radius <ul style="list-style-type: none"> <li>with single bend / minimum permissible</li> <li>with multiple bends / minimum permissible</li> <li>with continuous bending</li> </ul>	22 mm 44 mm 100 mm
number of bending cycles	100000
number of torsion cycles / with torsion by ± 180° on 1 m cable length	3000000
tensile load / maximum	190 N
weight per length	42 kg/km
<b>ambient conditions</b>	
ambient temperature <ul style="list-style-type: none"> <li>during operation</li> </ul>	-25 ... +80 °C

<ul style="list-style-type: none"> <li>• during storage</li> <li>• during transport</li> <li>• during installation</li> </ul>	-25 ... +80 °C
fire behavior	Flame-resistant in line with UL style 1354 (only cable without plug)
radiological resistance / to UV radiation	resistant

**product features, product functions, product components / general**

product feature	
<ul style="list-style-type: none"> <li>• halogen-free</li> <li>• silicon-free</li> </ul>	No Yes

**further information / internet links**

internet link	
<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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**Approvals / Certificates**

**General Product Approval**



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