

### product type designation



Figure similar

### RJ45 plug-in connector

SIPLUS NET RJ45 plug 180 2x2 based on 6GK1901-1BB10-2AA0 with conformal coating, -40...+70 °C, RJ45 plug-in connector (10/100 Mbps) with rugged metal enclosure and FC connection technology, for IE FC cable 2x2 180° cable outlet 1 pack = 1 unit

Technical Product Detail Page

<https://l.siemens.com/1P6AG1901-1BB10-7AA0>

### transfer rate

transfer rate / for Industrial Ethernet	10, 100 Mbit/s
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### interfaces

number of electrical connections	4
<ul style="list-style-type: none"> <li>for Industrial Ethernet FC TP cables</li> </ul>	
type of electrical connection	integrated cut-and-clamp contacts for 4-wire TP FC installation cable
<ul style="list-style-type: none"> <li>for Industrial Ethernet FC TP cables</li> </ul>	

### ambient conditions

ambient temperature	70 ... -40 °C
<ul style="list-style-type: none"> <li>in horizontal mounting position / during operation</li> <li>during storage and transport</li> </ul>	70 ... -40 °C
relative humidity	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
<ul style="list-style-type: none"> <li>with condensation / according to IEC 60068-2-38 / maximum</li> </ul>	
type of coating	Yes; protective coating of the Class PC2 according to EN 50155:2018
<ul style="list-style-type: none"> <li>for electronic devices in railway applications according to EN 50155</li> </ul>	

### standards, specifications, approvals

standard for structured cabling	Cat5
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### 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 website: Industrial communication</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://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</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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security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or
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Approvals / Certificates

General Product Approval			EMV		
<a href="#">Manufacturer Declaration</a>		 EG-Konf.	<a href="#">China RoHS</a>	<a href="#">KC</a>	 RCM

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