

### product type designation

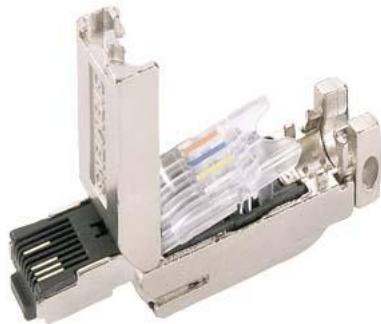


Figure similar

### 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

product brand name	SIPLUS
Technical Product Detail Page	<a href="https://l.siemens.com/1P6AG1901-1BB10-7AA0">https://l.siemens.com/1P6AG1901-1BB10-7AA0</a>
<b>transfer rate</b>	
transfer rate / for Industrial Ethernet	10, 100 Mbit/s
<b>interfaces</b>	
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>	
<b>ambient conditions</b>	
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>	
<b>standards, specifications, approvals</b>	
standard for structured cabling	Cat5
<b>further information / internet links</b>	
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>
<b>security information</b>	
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 network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit [www.siemens.com/cybersecurity-industry](http://www.siemens.com/cybersecurity-industry). Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under <https://www.siemens.com/cert>. (V4.7)

## Approvals / Certificates

### General Product Approval

[Manufacturer Declaration](#)



[China RoHS](#)



[China RoHS](#)

### General Product Approval

### EMV



last modified:

3/10/2026