

product type designation



Figure similar

RJ45 plug-in connector

SIPLUS NET RJ45 plug 90 2x2 based on 6GK1901-1BB20-2AA0 with conformal coating, -40...+70 °C, RJ45 plug-in connector (10/100 Mbps) with rugged metal enclosure and FC connection system for IE FC cable 2x2, 90° cable outlet 1 pack = 1 unit

product brand name	SIPLUS
Technical Product Detail Page	https://i.siemens.com/1P6AG1901-1BB20-7AA0
transfer rate	
transfer rate / for Industrial Ethernet	10, 100 Mbit/s
interfaces	
number of electrical connections	4
• for Industrial Ethernet FC TP cables	
type of electrical connection	integrated cut-and-clamp contacts for 4-wire TP FC installation cable
• for Industrial Ethernet FC TP cables	
ambient conditions	
ambient temperature	70 ... -40 °C
• in horizontal mounting position / during operation	
• during storage and transport	70 ... -40 °C
relative humidity	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
• with condensation / according to IEC 60068-2-38 / maximum	
type of coating	Yes; protective coating of the Class PC2 according to EN 50155:2019
• for electronic devices in railway applications according to EN 50155	
standards, specifications, approvals	
standard for structured cabling	Cat5
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 website: Industrial communication	https://www.siemens.com/simatic-net
• 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	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

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Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)



[China RoHS](#)



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General Product Approval

EMV



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