

product type designation

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

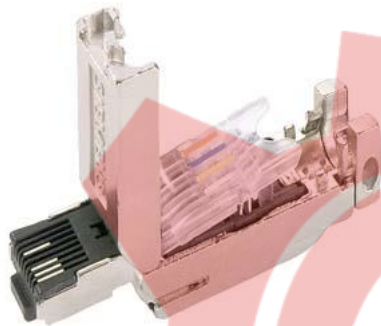


Figure similar

transfer rate	
transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s
interfaces	
number of electrical connections	4
<ul style="list-style-type: none"> for Industrial Ethernet FC TP cables 	
type of electrical connection	integrated cut-and-clamp contacts for 4-wire TP FC installation cable
<ul style="list-style-type: none"> for Industrial Ethernet FC TP cables 	
ambient conditions	
ambient temperature	70 ... -40 °C
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> with condensation / according to IEC 60068-2-38 / maximum 	
type of coating	Yes; protective coating of the Class PC2 according to EN 50155:2018
<ul style="list-style-type: none"> for electronic devices in railway applications according to EN 50155 	
standards, specifications, approvals	
standard for structured cabling	Cat5
reference code	X
<ul style="list-style-type: none"> according to IEC 81346-2 according to IEC 81346-2:2019 	XGA
further information / internet links	
internet link	<ul style="list-style-type: none"> 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

EMV

[Miscellaneous](#)

[Manufacturer Declaration](#)


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