

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

transfer rate

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

number of electrical connections	
• for Industrial Ethernet FC TP cables	4
type of electrical connection	
• for Industrial Ethernet FC TP cables	integrated cut-and-clamp contacts for 4-wire TP FC installation cable

ambient conditions

ambient temperature	
• in horizontal mounting position / during operation	70 ... -40 °C
• during storage and transport	70 ... -40 °C
relative humidity	
• with condensation / according to IEC 60068-2-38 / maximum	100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation
type of coating	
• for electronic devices in railway applications according to EN 50155	Yes; protective coating of the Class PC2 according to EN 50155:2018

standards, specifications, approvals

standard for structured cabling	Cat5
reference code	
• according to IEC 81346-2	X

further information / internet links

internet link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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