

Product type designation	SIPLUS NET RJ45 PLUG 90 2X2
Product description	RJ45 data connector SIPLUS NET RJ45 plug 90 2x2 -40...+70 °C with conformal coating based on 6GK1901-1BB20-2AA0 . RJ45 plug-in connector (10/100 Mbit/s) with rugged Metal enclosure and FC connection system for IE FC Cable 2x2, 90° cable outlet 1 pack = 1 unit
Suitability for use	For connection to IE FC TP cables 2x2, suitable for fast assembly with the FastConnect system
Transmission rate	
Transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s
Interfaces	
Number of electrical connections	
<ul style="list-style-type: none"> • for Industrial Ethernet FC TP cables 	4
<ul style="list-style-type: none"> • for network components or terminal equipment 	1
Type of electrical connection	
<ul style="list-style-type: none"> • for Industrial Ethernet FC TP cables 	integrated cut-and-clamp contacts for 4-wire TP FC installation cable
<ul style="list-style-type: none"> • for network components or terminal equipment 	RJ45 connector
Type of electrical connection / FastConnect	Yes
Mechanical data	
Material / of the enclosure	metal
Design, dimensions and weight	
Type of cable outlet	90° cable outlet
Width	13.7 mm
Height	16 mm
Depth	42 mm
Net weight	35 g
Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-40 ... +70 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +80 °C
<ul style="list-style-type: none"> • during transport 	-40 ... +80 °C
Ambient condition / relating to ambient temperature - air pressure - installation altitude	-40 ... +70°C at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // -40 ... +60°C at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // -40 ... +50°C at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity / with condensation / maximum	100 %

Resistance to biologically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3B2 mold, fungus, and sponge spores (except fauna). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to chemically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, class 3C4 incl. salt spray according to EN 60068-2-52 (severity 3). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to mechanically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3S4 including sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation!
Protection class IP	IP20

Product properties, functions, components / general

Product feature	
<ul style="list-style-type: none"> • silicon-free 	Yes
Product component	
<ul style="list-style-type: none"> • strain relief 	Yes

Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> • RoHS conformity 	Yes
<ul style="list-style-type: none"> • UL approval 	No
Standard for structured cabling	Cat5

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> • to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> • to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> • to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> • to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> • to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> • to website: Industry Online Support 	https://support.industry.siemens.com
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