Ordering overview

Edition 01/2023

RUGGED COMMUNICATIONS

RUGGEDCOM
Compact Switches

Layer 2 Ethernet Switches
siemens.com/ruggedcom

SIEMENS

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RUGGEDCOM Ethernet switches are specifically designed to operate reliably in harsh industrial environments.

Contents

RUGGEDCOM Selector configuration tool
RUGGEDCOM Ethernet switches are specifically designed to operate reliably in harsh, industrial environments. All RUGGEDCOM switches meet and exceed recognized industry standards (e.g., IEC 61850-3, IEEE 1613, NEMA TS 2) for ruggedness and communications performance. They are ideally suited for mission critical real-time control applications requiring high levels of reliability and availability.

With the RUGGEDCOM Selector you can transfer the order number to the Siemens Industry Mall and order your products.

To use the RUGGEDCOM Selector for the selection and configuration of RUGGEDCOM products, visit: **siemens.com/ruggedcom-selector**

Protect your investment for the long term
Now you can order select RUGGEDCOM products with an extended warranty term of 10 years. Choose option 'T10' at the time of order.

For more information on wireless approvals, visit: **siemens.com/wireless-approvals**

Note: You can also click on the MLFB in the PDF. This will lead you directly to the Industry Mall.

RUGGEDCOM SELECTOR
The selection and configuration tool for
RUGGEDCOM

RUGGEDCOM technology

RUGGEDCOM products have been specifically designed and tested to withstand the demands of harsh environments.

Rugged-rated

Highly Accelerated Life Testing (HALT) is used in the early stages of product development to detect any design and performance issues. Highly Accelerated Stress Screening (HASS) is performed on all RUGGEDCOM products, in order to ensure that customers get their orders free of manufacturing errors and random defects.

RUGGEDCOM products provide reliable and error-free operation in harsh electrical installations with high EMI.

Operation in industrial temperature range
- -40 °C to +85 °C normal operation
- Passive cooling – no fans

High availability
- Integrated single or redundant power supplies
- Universal high-voltage range: 88 ... 300 V DC or 85 ... 264 V AC
- Low voltage: 12 V DC, 24 V DC, or 48 V DC

Durable installations
- Full metal enclosure
- Heavy duty mounting
- Industrial terminal blocks for power and I/O connection

Zero Packet Loss™

The proliferation of IP networking technology from the office to industrial environments, for use in real-time, mission-critical control applications requires a level of immunity to electromagnetic interference (EMI) well beyond what is currently delivered by commercial grade networking products. In fact, even the EMI immunity requirements prescribed by IEC 61000-6-2 (generic standards – immunity for industrial environments) are inadequate for many environments.

One such environment is the electric utility substation, where EMI levels can be significantly higher than those of the generic industrial environment defined in IEC 61000-6-2. In order to address this risk, both the IEC and IEEE have developed and issued standards addressing EMI immunity requirements for communications networking equipment in electric utility substations.

In response to these requirements, RUGGEDCOM technology withstands all of the EMI type tests required by IEC 61850-3 without experiencing any communications loss or delays. Products featuring this technology also qualify as IEEE 1613 Class 2 error-free devices. This innovation is known as Zero Packet Loss™ technology and it is designed to provide the same level of EMI immunity and reliability as protective relays.
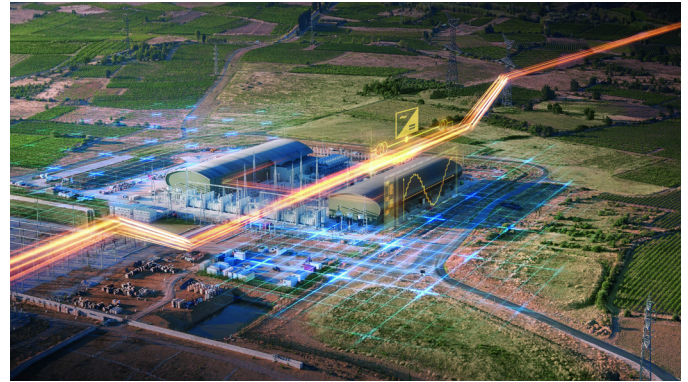
IEC 61850

IEC 61850 standard for communications in substations is composed of ten parts, which outline a complete framework for substation automation, including EMI (electromagnetic interference), immunity and environmental requirements (IEC 61850-3) for communications networks in substations.

The EMI immunity requirements of IEC 61850-3 are derived from IEC 61000-6-5 (Immunity for Power Station and Substation Environments), which defines a set of potentially destructive EMI type tests designed to simulate both continuous and transient EMI phenomena in the substation.

This standard has a minimum requirement that the networking equipment operates without any physical damage, reset, or latch-up during the application of a variety of destructive EMI immunity type tests.

IEEE 1613

IEEE 1613 specifies ratings, environmental performance and testing requirements for communications networking devices installed in electric power substations.

Within the standard, two classes of devices are defined, based on the outcome of a specific set of potentially destructive EMI type tests (EMI stress) designed to simulate EMI phenomena in the substation. These type tests are derived from the same type tests applied to mission critical protective relays (i.e., C37.90.).

Class 1 – these devices are allowed to experience data errors, loss, or delays when exposed to EMI stress.

Class 2 – these devices may provide error-free (i.e., no data errors, delays, or loss) operation when exposed to EMI stress.

Neither class of device may experience any permanent damage under EMI stress.

The RUGGEDCOM family qualifies as IEEE 1613 Class 2 error-free devices.

RUGGEDCOM i800 family

Product	Options	Article number					
RUGGEDCOM i800		6GK6008-0AS20-0	.	.	.	-	Z
RUGGEDCOM i800NC		6GK6008-0AS10-0					
	Management options						
	Managed with ROS		M				
	Unmanaged		U				
	Temperature option						
	-20 °C to +60 °C			T			
	-40 °C to +85 °C			U			
	Manufacturing modification						
	Standard				0		
	Conformal coating				1		
RUGGEDCOM i801		6GK6008-1AS20-0	.	.	.	-	Z
RUGGEDCOM i801NC		6GK6008-1AS10-0					
	Management options						
	Managed with ROS		M				
	Unmanaged		U				
	Temperature option						
	-20 °C to +60 °C			T			
	-40 °C to +85 °C			U			
	Manufacturing modification						
	Standard				0		
	Conformal coating				1		
RUGGEDCOM i802		6GK6008-2AS20-0	.	.	.	-	Z
RUGGEDCOM i802NC		6GK6008-2AS10-0					
	Management options						
	Managed with ROS		M				
	Unmanaged		U				
	Temperature option						
	-20 °C to +60 °C			T			
	-40 °C to +85 °C			U			
	Manufacturing modification						
	Standard				0		
	Conformal coating				1		
RUGGEDCOM i803		6GK6008-3AS20-0	.	.	.	-	Z
RUGGEDCOM i803NC		6GK6008-3AS10-0					
	Management options						
	Managed with ROS		M				
	Unmanaged		U				
	Temperature option						
	-20 °C to +60 °C			T			
	-40 °C to +85 °C			U			
	Manufacturing modification						
	Standard				0		
	Conformal coating				1		

Examples	Order code
RUGGEDCOM i800 managed with ROS with temperature range of -40 °C to +85 °C and conformal coating	**6GK6008-0AS20-0MU1-Z**

RUGGEDCOM RS900

Product	Options	Article number						
RUGGEDCOM RS900		**6GK6090-0AS2**	**.**	**- 0**	**.**	**A**	**.**	**- Z**
	Power supply							
	24 V DC (10 ... 36 V DC)		**1**					
	48 V DC (36 ... 72 V DC)		**2**					
	HI (88 ... 300 V DC / 85 ... 264 V AC)		**3**					
	Mounting option							
	No mounting kit					**A**		
	DIN rail mounting					**B**		
	Panel mounting					**C**		
	Manufacturing modification							
	Standard						**0**	
	Conformal coating						**1**	
	Explosive atmosphere coating						**2**	

Z options	Port 7 & 8
None	**A00**
2 x 10/100BASE-TX	**A01**
1 x 100BASE-FX, multi-mode, 1300 nm, MTRJ, and 1 x no port	**A02**
2 x 100BASE-FX, multi-mode, 1300 nm, MTRJ	**A03**
1 x 100BASE-FX, multi-mode, 1300 nm, SC, and 1 x no port	**A04**
2 x 100BASE-FX, multi-mode, 1300 nm, SC	**A05**
1 x 100BASE-FX, multi-mode, 1300 nm, ST, and 1 x no port	**A07**
2 x 100BASE-FX, multi-mode, 1300 nm, ST	**A08**
1 x 100BASE-FX, multi-mode, 1300 nm, ST, and 1 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	**A10**
1 x 100BASE-FX, multi-mode, 1300 nm, LC, and 1 x no port	**A11**
2 x 100BASE-FX, multi-mode, 1300 nm, LC	**A12**
1 x 100BASE-FX, multi-mode, 1300 nm, LC, and 1 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	**A13**
1 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km, and 1 x no port	**A14**
2 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	**A15**
1 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km, and 1 x no port	**A16**
2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	**A17**
1 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km, and 1 x no port	**A20**
2 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km	**A21**
1 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km, and 1 x no port	**A22**
2 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km	**A23**

Z options	Port 7 & 8
2 x 100BASE-FX, single-mode, 1310 nm, SC 20 km	**A25**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km, and 1 x no port	**A28**
2 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	**A29**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km, and 1 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	**A30**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km, and 1 x no port	**A31**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	**A32**

Z options	Port 9
None	**B00**
1 x 10/100BASE-TX	**B01**
1 x 100BASE-FX, multi-mode, 1300 nm, MTRJ	**B02**
1 x 100BASE-FX, multi-mode, 1300 nm, SC	**B03**
1 x 100BASE-FX, multi-mode, 1300 nm, ST	**B04**
1 x 100BASE-FX, multi-mode, 1300 nm, LC	**B05**
1 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km	**B06**
1 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	**B07**
1 x 100BASE-FX, single-mode, 1310 nm, LC, 50 km	**B08**
1 x 100BASE-FX, single-mode, 1310 nm, LC, 90 km	**B09**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	**B10**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	**B11**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	**B12**

Examples	Order code
RUGGEDCOM RS900 with 2 x 24 V DC power supplies, panel mounting kit, conformal coating, 2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km, and 1 x 100BASE-FX, multi-mode, 1300 nm, ST	**6GK6090-0AS21-0CA1-Z A17+B04**

RUGGEDCOM RS900G

Product	Options		Article number							
RUGGEDCOM RS900G			6GK6090-0GS2	**.**	**- 0**	**.**	**A**	**.**	**-**	**Z**
	Power supply									
	24 V DC (10 … 36 V DC)			1						
	48 V DC (36 … 72 V DC)			2						
	HI (88 … 300 V DC / 85 … 264 V AC)			3						
	Mounting option									
	No mounting kit						A			
	DIN rail mounting						B			
	Panel mounting						C			
	Manufacturing modification									
	Standard								0	
	Conformal coating								1	

Z options	Port 9 & 10
Dual 1000BASE-X SFP, order SFP optics separately	A01
Dual 1000BASE-SX, multi-mode, LC, 850 nm, 500 nm	A02
Dual 1000BASE-LX, single-mode, LC, 1310 nm, 10 km	A03
Dual 1000BASE-LX, single-mode, LC, 1310 nm, 25 km	A04
Dual 1000BASE-LX, single-mode, SC, 1310 nm, 10 km	A05
Dual 1000BASE-LX, single-mode, SC, 1310 nm, 25 km	A06

Examples	Order code
RUGGEDCOM RS900G with 48 V DC (36 … 72 V DC), DIN rail mounting, standard coating, and dual 1000BASE-SX, multi-mode, LC, 850 nm, 500 nm	**6GK6090-0GS22-0BA0-Z A02**

RUGGEDCOM RS900GP

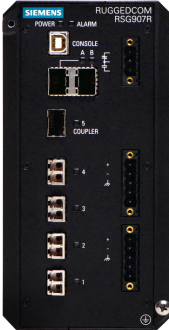| Product	Options		Article number							
RUGGEDCOM RS900GP			**6GK6090-0PS2**	**0**	**-**	**0**	**.**	**A**	**.**	**- Z**
	Mounting option									
	No mounting kit							**A**		
	DIN rail mounting							**B**		
	Panel mounting							**C**		
	Manufacturing modification									
	Standard								**0**	
	Conformal coating								**1**	

Z options	Port 7 & 8
None	**A00**
2 x 10/100/1000BASE-TX RJ45	**A01**
2 x 1000BASE-SX, multi-mode, 850 nm, LC, 500 m	**A02**
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 10 km	**A03**
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 10 km	**A04**
2 x 1000BASE-LX, single-mode, 1310 nm, SC, 25 km	**A05**
2 x 1000BASE-LX, single-mode, 1310 nm, LC, 25 km	**A06**
2 x 100BASE-FX, multi-mode, 1300 nm, SC	**A07**
2 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	**A08**
2 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	**A09**
2 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	**A10**
2 x 1000BASE-LX SFP, blank (no optical transceiver)	**A11**
2 x 1000BASE-SX SFP, multi-mode, 850 nm, LC, 500m	**A12**
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 10 km	**A13**
2 x 1000BASE-LX SFP, single-mode, 1310 nm, LC, 25 km	**A14**
2 x 1000BASE-LX SFP, single-mode, 1550 nm, LC, 70 km	**A15**
2 x 1000BASE-TX SFP, RJ45	**A16**

Examples	Order code
RUGGEDCOM RS900GP with no mounting kit, conformal coating, and 2 x1000BASE-TX SFP, RJ45	**6GK6090-0PS20-0AA1-Z A16**

RUGGEDCOM RSG907R

Product	Options	Article number	.	.	N	.	-	Z
RUGGEDCOM RSG907R		**6GK6490-7RB00-**			N		-	Z
	Mounting option							
	DIN rail mounting		1					
	DIN rail and panel mounting		3					
	Power supply 1 + terminal block type							
	12/24/48 V DC (10 … 60 V DC)			A				
	HI (100 … 240 V AC / 100 … 300 V DC)			C				
	Manufacturing modification							
	Standard					0		
	Conformal coating					1		

Examples	Order code
RUGGEDCOM RSG907R with DIN rail mounting, 12/24/48 V DC (10 … 60 V DC), and standard coating	**6GK6490-7RB00-1AN0-Z**

RUGGEDCOM RSG908C

Product	Options	Article number	.	.	N	.	-	Z
RUGGEDCOM RSG908C		**6GK6490-8CB00-**			N		-	Z
	Mounting option							
	DIN rail mounting		1					
	DIN rail and panel mounting		3					
	Power supply 1 + terminal block type							
	12/24/48 V DC (10 … 60 V DC)			A				
	HI (100 … 240 V AC / 100 … 300 V DC)			C				
	Manufacturing modification							
	Standard					0		
	Conformal coating					1		
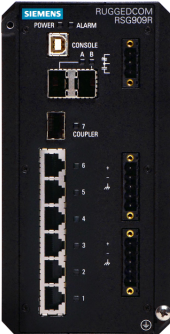
Examples	Order code
RUGGEDCOM RSG908C with DIN rail and panel mounting, HI (100 … 240 V AC / 100 … 300 V DC), and conformal coating	**6GK6490-8CB00-3CN1-Z**

RUGGEDCOM RSG909R

Product	Options	Article number			N		-	Z
RUGGEDCOM RSG909R		**6GK6498-0RB00-**	**.**	**.**	**N**	**.**	**-**	**Z**
	Mounting option							
	DIN rail mounting		1					
	DIN rail and panel mounting		3					
	Power supply 1 + terminal block type							
	12/24/48 V DC (10 ... 60 V DC)			A				
	HI (100 ... 240 V AC / 100 ... 300 V DC)			C				
	Manufacturing modification							
	Standard					0		
	Conformal coating					1		

Examples	Order code
RUGGEDCOM RSG909R with DIN rail and panel mounting, 12/24/48 V DC (10 ... 60 V DC), and conformal coating	**6GK6498-0RB00-3AN1-Z**

RUGGEDCOM RSG910C

Product	Options	Article number			N		-	Z
RUGGEDCOM RSG910C		**6GK6491-0CB00-**	**.**	**.**	**N**	**.**	**-**	**Z**
	Mounting option							
	DIN rail mounting		1					
	DIN rail and panel mounting		3					
	Power supply 1 + terminal block type							
	12/24/48 V DC (10 ... 60 V DC)			A				
	HI (100 ... 240 V AC / 100 ... 300 V DC)			C				
	Manufacturing modification							
	Standard					0		
	Conformal coating					1		

Examples	Order code
RUGGEDCOM RSG910C with DIN rail mounting, HI (100 ... 240 V AC / 100 ... 300 V DC), and standard coating	**6GK6491-0CB00-1CN0-Z**

RUGGEDCOM RST916C

Product	Options		Article number					
RUGGEDCOM RST916C			**6GK6491-6CD00-**	**.**	**.**	**N**	**.**	**- Z**
	Mounting option							
	DIN rail mounting			1				
	DIN rail and panel mounting			3				
	Power supply 1							
	12/24/48 V DC (10 ... 60 V DC)				A			
	HI (100 ... 240 V AC / 100 ... 300 V DC)				C			
	Manufacturing modification							
	Standard						0	
	Conformal coating						1	

Examples	Order code
RUGGEDCOM RST916C with DIN rail and panel mounting, HI (100 ... 240 V AC / 100 ... 300 V DC), and conformal coating	**6GK6491-6CD00-3CN1-Z**

RUGGEDCOM RST916P

Product	Options		Article number					
RUGGEDCOM RST916P			**6GK6491-6PD00-**	**.**	**P**	**N**	**.**	**- Z**
	Mounting option							
	DIN rail mounting			1				
	DIN rail and panel mounting			3				
	Manufacturing modification							
	Standard						0	
	Conformal coating						1	

Examples	Order code
RUGGEDCOM RST916P with DIN rail mounting and standard coating	**6GK6491-6PD00-1PN0-Z**

RUGGEDCOM RSG920P

Product	Options	Article number							
RUGGEDCOM RSG920P		**6GK6092-0PS2**	**.**	**- 0**	**.**	**A**	**.**	**-**	**Z**
	Power supply 1								
	LO (9 … 60 V DC)		**1**						
	HI (88 … 300 V DC / 85 … 264 V AC)		**3**						
	Mounting option								
	No mounting kit					**A**			
	DIN rail mounting option*					**B**			
	Panel mounting option*					**C**			
	Manufacturing modification								
	None						**0**		
	Conformal coating						**1**		
	Explosive atmosphere modification						**2**		

Z options	Port 17	Port 18	Port 19	Port 20
No SFP Transceiver	**A00**	**B00**	**C00**	**D00**
SFP, 100BASE-FX, multi-mode, LC, 1310 nm, 2 km	**A01**	**B01**	**C01**	**D01**
SFP, 100BASE-FX, single-mode, LC, 1310 nm, 20 km	**A02**	**B02**	**C02**	**D02**
SFP, 1000BASE-SX, multi-mode, LC, 850 nm, 500 m	**A03**	**B03**	**C03**	**D03**
SFP, 1000BASE-LX, single-mode, LC, 1310 nm, 10 km	**A04**	**B04**	**C04**	**D04**
SFP, 1000BASE-LX, single-mode, LC, 1310 nm, 25 km	**A05**	**B05**	**C05**	**D05**
SFP, 1000BASE-LX, single-mode, LC, 1550 nm, 70 km	**A06**	**B06**	**C06**	**D06**

Examples	Order code
RUGGEDCOM RSG920P with HI (88 … 300 V DC / 85 … 264 V AC), panel mounting kit, explosive atmosphere modification, SFP, 1000BASE-LX, single-mode, LC, 1310 nm, 25 km, SFP, 100BASE-FX, multi-mode, LC, 1310 nm, 2 km, SFP, 1000BASE-LX, single-mode, LC, 1550 nm, 70 km and SFP, 100BASE-FX, single-mode, LC, 1310 nm, 20 km	**6GK6092-0PS23-0CA2-Z A05+B01+C06+D02**

RUGGEDCOM RSL910

Product	Options	Article number					
RUGGEDCOM RSL910 NC		**6GK6491-0LA00-**	**.**	**.**	**A**	**.**	**- Z**
RUGGEDCOM RSL910		**6GK6491-0LB00-**	**.**	**.**	**A**	**.**	
	Mounting option						
	None		**0**				
	DIN rail mounting		**1**				
	Panel mounting		**2**				
	Power supply 1 + terminal block type						
	24 V DC				**A**		
	48 V DC				**B**		
	HI (V DC/V AC)				**C**		
	Manufacturing modification						
	Standard					**0**	
	Conformal coating					**1**	

Examples	Order code
RUGGEDCOM RSL910 with DIN rail mounting, 24 V DC power supply, and standard coating	**6GK6491-0LB00-1BA0-Z**

RUGGEDCOM RS940G

Product	Options	Article number								
RUGGEDCOM RS940G		**6GK6094-0GS2**	**.**	**-**	**0**	**.**	**A**	**.**	**-**	**Z**
	Power supply 1									
	24 V DC (10 … 36 V DC) (+/-)		1							
	48 V DC (36 … 72 V DC) (+/-)		2							
	HI (88 … 300 V DC / 85 … 264 V AC)		3							
	Mounting option									
	No mounting hardware						A			
	DIN rail mounting option*						B			
	Panel mounting option*						C			
	Manufacturing modification									
	None								0	
	Conformal coating								1	

Z options	P7P8
XXXX = None	A00
Dual 10/100/1000BASE-TX, RJ45	A01
Dual 1000BASE-TX SFP (Mini-GBIC), order SFP optics separately	A02
Dual 1000BASE-SX, multi-mode, LC, 850 nm, 500 m	A03
Dual 1000BASE-LX, single-mode, LC, 1310 nm, 10 km	A04
Dual 1000BASE-LX, single-mode, LC, 1310 nm, 25 km	A05
Dual 1000BASE-LX, single-mode, SC, 1310 nm, 10 km	A06
Dual 1000BASE-LX, single-mode, SC, 1310 nm, 25 km	A07

Examples	Order code
RUGGEDCOM RS940G with 24V DC (10 … 36 V DC) (+/-), DIN rail mounting kit, conformal coating and dual 1000BASE-LX, single-mode, LC, 1310 nm, 10 km	**6GK6094-0GS21-0BA1-Z A04**

RUGGEDCOM RS8000

Product	Options	Article number							
RUGGEDCOM RS8000		6GK6080-0AS2	.	- 0	.	A	.	- Z	.
	Power supply 1								
	24 V DC (18 … 36 V DC)		1						
	48 V DC (36 … 59 V DC)		2						
	HI (88 … 300 V DC / 85 … 264 V AC)		3						
	Managed switch functions								
	Unmanaged				U				
	Managed				M				
	Manufacturing modification								
	Standard						0		
	Conformal coating						1		
	Fiber options								
	MM = 1300 nm, MM, 2 km via SFF MTRJ connectors								A00
	SM4 = 1310 nm, SM, 15 km via SFF LC connectors 4 SM fiber ports								A01
	SM8 = 1310 nm, SM, 15 km via SFF LC connectors 8 SM fiber ports								A02

Examples	Order code
RUGGEDCOM RS8000 managed switch with 24 V DC power supply and conformal coating	**6GK6080-0AS21-0MA1-ZA00**

RUGGEDCOM RS8000A

Product	Options	Article number							
RUGGEDCOM RS8000A		6GK6080-0SS2	.	- 0	.	A	.	- Z	.
	Power supply 1								
	24 V DC (18 … 36 V DC)		1						
	48 V DC (36 … 59 V DC)		2						
	HI (88 … 300 V DC / 85 … 264 V AC)		3						
	Managed switch functions								
	Unmanaged				U				
	Managed				M				
	Manufacturing modification								
	Standard						0		
	Conformal coating						1		
	Fiber options								
	MM = 1300 nm, MM, 2 km via SFF MTRJ connectors								A00

Examples	Order code
RUGGEDCOM RS8000A managed switch with 24 V DC power supply and conformal coating	**6GK6080-0SS21-0MA1-ZA00**

RUGGEDCOM RS8000H

Product	Options	Article number									
RUGGEDCOM RS8000H		**6GK6080-0AS2**	.	-	0	.	A	.	-	Z	.
	Power supply 1										
	24 V DC (18 ... 36 V DC)		1								
	48 V DC (36 ... 59 V DC)		2								
	HI (88 ... 300 V DC / 85 ... 264 V AC)		3								
	Managed switch functions										
	Unmanaged						U				
	Managed						M				
	Manufacturing modification										
	Standard								0		
	Conformal coating								1		
	Fiber options										
	MMSC = 1300 nm, MM, 2 km via SC connectors										A00
	MMST = 1300 nm, MM, 2 km via ST connectors										A01
	SMST = 1310 nm, SM, 20 km via ST connectors										A03

Examples	Order code
RUGGEDCOM RS8000H managed switch with 24 V DC power supply and conformal coating	6GK6080-0HS21-0MA1-ZA00

RUGGEDCOM RS8000T

Product	Options	Article number									
RUGGEDCOM RS8000T		**6GK6080-0AS2**	.	-	0	.	A	.	-	Z	.
	Power supply 1										
	24 V DC (18 ... 36 V DC)		1								
	48 V DC (36 ... 59 V DC)		2								
	HI (88 ... 300 V DC / 85 ... 264 V AC)		3								
	Managed switch functions										
	Unmanaged						U				
	Managed						M				
	Manufacturing modification										
	Standard								0		
	Conformal coating								1		
	Fiber options										
	MM = 1300 nm, MM, 2 km via SFF MTRJ connectors										A00
	SM = 1310 nm, SM, 15 km via SFF LC connectors										A01
	0 = no fiber ports										A02

Examples	Order code
RUGGEDCOM RS8000T managed switch with 24 V DC power supply and conformal coating	6GK6080-0TS21-0MA1-ZA00

RUGGEDCOM media converters (RMC)

Product	Options	Article number					
RUGGEDCOM RMC		**6GK6001-0AC0**	.	- 0	.	0	.
	Power supply						
	24 V DC (10 … 36 V DC)		1				
	48 V DC (36 … 72 V DC)		2				
	HI (88 … 300 V DC / 85 … 264 V AC)		3				
	Conversion type						
	TFLMM = MM 820 nm, 2 km ST 1 x 10T to 1 x 10FL, multi-mode				B		
	TFLSM = SM 1310 nm, 15 km SFF ST 1 x 10T to 1 x 10FL single-mode				C		
	TXFXMM = MM 1300 nm, 2 km SFF MTRJ 1 x 100TX to 1 x 100FX				D		
	TXFXSM = SM 310 nm, 15 km SFF LC 1 x 100TX to 1 x 100FX				E		
	TXFXMMLC = MM 1300 nm, 2 km LC 1 x 100TX to 1 x 100FX				F		
	Manufacturing modification						
	Standard						0
	Conformal coating						1

Examples	Order code
RUGGEDCOM RMC with 24 V DC power supply, MM 820 nm, 2 km ST 1 x 10T to 1 x 10FL multi-mode conversion type and conformal coating	**6GK6001-0AC01-0B01**

Product	Options	Article number					
RUGGEDCOM RMC20		**6GK6002-0AC0**	.	- 0	A	A	.
	Power supply 1 + terminal block type						
	24 V DC (10 … 36 V DC)		1				
	48 V DC (36 … 72 V DC)		2				
	HI (88 … 300 V DC / 85 … 264 V AC)		3				
	Manufacturing modification						
	Standard						0
	Conformal coating						1

Examples	Order code
RUGGEDCOM RMC20 with 24 V DC power supply and conformal coating	**6GK6002-0AC01-0AA1**

Product	Options	Article number					
RUGGEDCOM RMC30		**6GK6003-0AC2**	.	- 0	A	A	.
	Power supply 1 + terminal block type						
	24 V DC (18 … 36 V DC)		1				
	48 V DC (36 … 59 V DC)		2				
	HI (88 … 300 V DC / 85 … 264 V AC)		3				
	Manufacturing modification						
	Standard						0
	Conformal coating						1

Examples	Order code
RUGGEDCOM RMC30 with 24 V DC power supply and conformal coating	**6GK6003-0AC21-0AA1**

RUGGEDCOM media converters (RMC)

Product	Options		Article number								
RUGGEDCOM RMC40			**6GK6004-0AC0**	**.**	**-**	**0**	**B**	**A**	**.**	**-**	**Z**
	Power supply										
	24 V DC (10 … 36 V DC)			**1**							
	48 V DC (36 … 72 V DC)			**2**							
	HI (88 … 300 V DC / 85 … 264 V AC)			**3**							
	Manufacturing modification										
	Standard								**0**		
	Conformal coating								**1**		

Z options	Port 3/4
1 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km, and 1 x no port	**A03**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km, and 1 x no port	**A04**
1 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km, and 1 x no port	**A05**
1 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km, and 1 x no port	**A06**
2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	**A07**
1 x 100BASE-FX, multi-mode, 1300 nm, SC, and 1 x no port	**A16**
1 x 100BASE-FX, multi-mode, 1300 nm, MTRJ, and 1 x no port	**A17**
2 x 100BASE-FX, multi-mode, 1300 nm, MTRJ	**A20**
1 x 100BASE-FX, multi-mode, 1300 nm, LC , and 1 x no port	**A21**
2 x 100BASE-FX, multi-mode, 1300 nm, LC	**A22**
1 x 100BASE-FX, multi-mode, 1300 nm, ST, and 1 x no port	**A23**
1 x 100BASE-FX, single-mode, 1310 nm, ST, 20 km, and 1 x no port	**A24**
2 x 10/100BASE-TX	**A25**
1 x 100BASE-FX, multi-mode, 1300 nm, LC, and 1 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	**A26**

Examples	Order code
RUGGEDCOM RMC40 with 24 V DC (10 … 36 V DC), conformal coating, and 2 x 100BASE-FX, single-mode, 1310 nm, LC, 20 km	**6GK6004-0AC01-0BA1-Z A07**

RUGGEDCOM media converters (RMC)

Product	Options	Article number							
RUGGEDCOM RMC41		**6GK6004-1AC0**	**.**	**- 0**	**B**	**A**	**.**	**-**	**Z**
	Power supply								
	24 V DC (10 … 36 V DC)		**1**						
	48 V DC (36 … 72 V DC)		**2**						
	HI (88 … 300 V DC / 85 … 264 V AC)		**3**						
	Manufacturing modification								
	Standard						**0**		
	Conformal coating						**1**		

Z options	Port 2
1 x 100BASE-FX, single-mode, 1310 nm, SC, 20 km	A01
1 x 100BASE-FX, single-mode, 1310 nm, SC, 50 km	A02
1 x 100BASE-FX, single-mode, 1310 nm, SC, 90 km	A03
1 x 100BASE-FX, multi-mode, 1300 nm, SC	A04
1 x 100BASE-FX, multi-mode, 1 300 nm, ST	A05

Examples	Order code
RUGGEDCOM RMC41 with 48 V DC (36 … 72 V DC), standard coating, and 1 x 100BASE-FX, multi-mode, 1300 nm, SC	**6GK6004-1AC02-0BA0-Z A04**

Product	Options	Article number							
RUGGEDCOM RMC8388		**6GK6083-8AC2**	**.**	**- 0**	**.**	**.**	**.**	**-**	**Z**
	Power supply 1								
	24 V DC (10 … 36 V DC)		**1**						
	48 V DC (36 … 72 V DC)		**2**						
	HI (88 … 300 V DC / 85 … 264 V AC)		**3**						
	Mounting option								
	No mounting kit					**A**			
	DIN rail mounting					**B**			
	Panel mounting					**C**			
	Conversion variant								
	IEEE 1588 in, IRIG-B TTL out						**A**		
	IEEE 1588 in, IRIG-B AM out						**B**		
	IRIG-B AM in, IEEE 1588 out						**C**		
	Manufacturing modification								
	Standard							**0**	
	Conformal coating							**1**	

Z options	Port
100BASE-TX, RJ45	A00
100BASE-TX, FastConnect	A01
100BASE-FX, LC, 2 km	A02

Examples	Order code
RUGGEDCOM RMC8388 with 48 V DC (36 … 72 V DC), panel mounting, IEEE 1588 in, IRIG-B AM out, standard coating, and 100BASE-TX, RJ45	**6GK6083-8AC22-0CB0-Z A00**

RUGGEDCOM serial device servers

Product	Options	Article number							
RUGGEDCOM RS416		**6GK6041-6AT2**	.	-	.	.	.	0	- Z
	Power module 1								
	24 V DC (10 … 36 V DC)		1						
	48 V DC (36 … 59 V DC)		2						
	HI (87 … 264 V AC / 88 … 300 V DC)		3						
	24 V DC (10 … 36 V DC), pluggable terminal block		4						
	48 V DC (36 … 59 V DC), pluggable terminal block		5						
	88 … 300 V DC or 85 … 264 V AC, pluggable terminal block		6						
	Power module 2								
	No power supply				0				
	24 V DC (10 … 36 V DC)				1				
	48 V DC (36 … 59 V DC)				2				
	HI (87 … 264 V AC or 88 … 300 V DC)				3				
	24 V DC (10 … 36 V DC), pluggable terminal block				4				
	48 V DC (36 … 59 V DC), pluggable terminal block				5				
	88 … 300 V DC or 85 … 264 V AC, pluggable terminal block				6				
	Mounting option								
	No mounting option					A			
	19" Rack mounting kit					D			
	DIN rail and panel mounting kit					E			
	19" Rack, DIN rail, and panel mounting kit					F			
	Ethernet and power connection								
	Ethernet on rear, LED panel on front						B		
	Ethernet on front, LED panel on front, power connector on rear						C		
	Ethernet on rear, LED panel on top, power connector on rear						D		
	Ethernet on front, LED panel on top, power connector on rear						E		

Z options (Serial Ports, S1)

4 x RS232/RS422/RS485 via DB9 coating	**A01**
4 x RS232/RS422/RS485 via RJ45	**A02**
4 x Fiber serial interface (ST connector)	**A03**
4 x RS232/RS422/RS485 & IRIG-B via DB9 1	**A04**
4 x RS232/RS422/RS485 & IRIG-B via RJ45 1	**A05**

Z options (Serial Ports, S2)

None	**B00/C00/D00**
4x RS232/RS422/RS485 via DB9	**B01/C01/D01**
4x RS232/RS422/RS485 via RJ45	**B02/C02/D02**
4x Fiber serial interface (ST Connector)	**B03/C03/D03**
4x RS232/RS422/RS485 & IRIG-B via DB9 1	**B04/C04/D04**
4x RS232/RS422/RS485 & IRIG-B via RJ45 1	**B05/C05/D05**

Z options (Serial Ports, S5)

2 x 10/100TX RJ45	**E01**
2 x 10FL – multi-mode 850 nm, ST	**E02**
2 x 100FX – multi-mode 1300 nm, ST	**E03**
2 x 100FX – multi-mode 1300 nm, SC	**E04**
2 x 100FX – multi-mode 1310 nm, LC	**E05**
2 x 100FX – multi-mode 1300 nm, MTRJ	**E06**
2 x 100FX – single-mode 1300 nm, ST, 20 km	**E07**
2 x 100FX – single-mode 1300 nm, SC, 20 km	**E08**
2 x 100FX – single-mode 1300 nm, LC, 20 km	**E09**
2 x 100FX – single-mode 1300 nm, SC, 50 km	**E10**
2 x 100FX – single-mode 1300 nm, LC, 50 km	**E11**
2 x 100FX – single-mode 1300 nm, SC, 90 km	**E12**
2 x 100FX – single-mode 1300 nm, LC, 90 km	**E13**
1 x IRIG-B in, BNC, 1 x IRIG-B out, BNC (S5 only)	**E14**

Z options (Serial Ports, S6)

None	**F00**
2 x 10/100TX RJ45	**F01**
2 x 10FL – multi-mode 850 nm, ST	**F02**
2 x 100FX – multi-mode 1300 nm, ST	**F03**
2 x 100FX – multi-mode 1300 nm, SC	**F04**
2 x 100FX – multi-mode 1310 nm, LC	**F05**
2 x 100FX – multi-mode 1300 nm, MTRJ	**F06**
2 x 100FX – single-mode 1300 nm, ST, 20 km	**F07**
2 x 100FX – single-mode 1300 nm, SC, 20 km	**F08**
2 x 100FX – single-mode 1300 nm, LC, 20 km	**F09**
2 x 100FX – single-mode 1300 nm, SC, 50 km	**F10**
2 x 100FX – single-mode 1300 nm, LC, 50 km	**F11**
2 x 100FX – single-mode 1300 nm, SC, 90 km	**F12**
2 x 100FX – single-mode 1300 nm, LC, 90 km	**F13**

Examples	**Order code**
RUGGEDCOM RS416, 24 V DC (10 ... 36 V DC), 24 V DC (10 ... 36 V DC), DIN rail and panel mounting kit, Ethernet on rear, LED panel on top; power connector on rear, no manufacturing modification, 4 x RS232/RS422/RS485 via RJ45, 2 x 100FX – single-mode 1300 nm, LC, 90 km	**6GK6041-6AT21-1ED0-Z A02+B00+C00+D00+E13+F00**

RUGGEDCOM serial device servers

Product	Options	Article number							
RUGGEDCOM RS400		6GK6040-0AT2	**.**	**-**	**0**	**.**	**A**	**.**	**- Z**
	Power module 1								
	24 V DC (10 ... 36 V DC)		**1**						
	48 V DC (36 ... 72 V DC)		**2**						
	HI (87 ... 264 V AC / 88 ... 300 V DC)		**3**						
	Mounting option								
	No mounting hardware						**A**		
	DIN rail mounting option kit*						**B**		
	Panel mounting option kit*						**C**		
	19" Rack mounting kit						**D**		
	Manufacturing modification								
	None								**0**
	Conformal coating								**1**

Z options (Ethernet Ports, E1/E2)

100FX single-mode LC, long reach 90 km	**A00**
10FL multi-mode ST, 820 nm, 2 km	**A01**
100FX single-mode SC, long reach 90 km	**A02**
100FX single-mode LC, intermediate reach 50 km	**A03**
100FX multi-mode MTRJ	**A04**
100FX multi-mode LC single-mode LC, Intermediate reach 50 km	**A05**
100FX multi-mode LC	**A06**
100FX multi-mode SC	**A07**
100FX multi-mode ST	**A08**
100FX multi-mode LC 100FX single-mode LC, standard 20 km	**A09**
100FX multi-mode ST 100FX single-mode ST, standard 20 km	**A10**
100FX single-mode ST, standard 20 km	**A12**
100FX single-mode LC, standard 20 km	**A13**
100FX single-mode SC, standard 20 km	**A14**
100FX single-mode SC, intermediate reach 50 km	**A15**
10/100BASETX RJ45	**A16**

Z options (Serial Ports)

4 x RS232 via DB9	**B00**
4 x RS485 via 3 POS screw terminals	**B01**
4 x RS232/RS422/RS485 via DB9	**B02**
4 x RS232/RS422/RS485 via RJ45	**B03**

Z options (Modem Ports)

No modem	**C00**
V.90 (56 Kbps) modem	**C01**

Examples

	Order code
RUGGEDCOM RS400, 24 V DC (10 ... 36 V DC), no power module 2, DIN rail mounting, no manufacturing modification, 10FL multi-mode ST, 820 nm, 2 km 4 x RS485 via 3 x POS screw terminals, V.90 (56 Kbps) modem	**6GK6040-0AT21-0BA0-Z A01+B01+C01**

RUGGEDCOM serial device servers

Product	Options		Article number								
RUGGEDCOM RS401			**6GK6040-1AT2**	**.**	**- 0**	**.**	**A**	**.**	**- Z**		
	Power module 1										
	24 V DC (10 … 36 V DC)			**1**							
	48 V DC (36 … 72 V DC)			**2**							
	HI (87 … 264 V AC / 88 … 300 V DC)			**3**							
	Mounting option										
	No mounting hardware						**A**				
	Front panel mounting with DIN screw points						**B**				
	Side panel mounting with DIN screw points						**C**				
	Manufacturing modification										
	None								**0**		
	Conformal coating								**1**		

Z options (Ethernet Ports, E1/E2)

100FX single-mode LC, long reach 90 km coating	**A00**
10FL multi-mode ST, 820 nm, 2 km	**A01**
100FX single-mode SC, long reach 90 km	**A02**
100FX single-mode LC, intermediate reach 50 km	**A03**
100FX multi-mode MTRJ	**A04**
100FX multi-mode LC	**A05**
100FX multi-mode SC	**A06**
100FX multi-mode ST	**A07**
100FX multi-mode ST 100FX single-mode ST, standard 20 km	**A08**
100FX single-mode LC, standard 20 km	**A09**
100FX single-mode SC, standard 20 km	**A10**
10/100BASETX RJ45	**A12**
100FX single-mode ST, standard 20 km	**A13**

Z options (Serial Ports)

4 x RS232 via DB9	**B00**
4 x RS485 via 3 POS screw terminals	**B01**
4 x RS232/RS422/RS485 via DB9	**B02**
4 x RS232/RS422/RS485 via RJ45	**B03**

Z options (Modem Ports)

No modem	**C00**

Examples	Order code
RUGGEDCOM RS401, 24 V DC (10 … 36 V DC), no power module 2, front panel mounting with DIN screw points conformal coating, 100FX multi-mode ST 100FX single-mode ST, standard 20 km, 4 x RS232/RS422/RS485 via DB9, no modem	**6GK6040-1AT21-0BA1-Z A08+B02+C00**

RUGGEDCOM serial device servers

Product	Options	Article number	.	- 0	. A	.	- Z
RUGGEDCOM RS910		**6GK6091-0AT2**					
	Power module 1						
	24 V DC (10 … 36 V DC)		1				
	48 V DC (36 … 72 V DC)		2				
	HI (87 … 264 V AC / 88 … 300 V DC)		3				
	Mounting option						
	No mounting hardware				A		
	DIN rail mounting kit*				B		
	Panel mounting kit*				C		
	Manufacturing modification						
	None					0	
	Conformal coating					1	

Z options (Serial Ports)

No serial ports	**A00**
2 x RS232/422/485 DB9	**A01**
2 x RS232/422/485 RJ45	**A02**
2 x Fiber 850 nm ST	**A03**

Z options (Ethernet Ports)

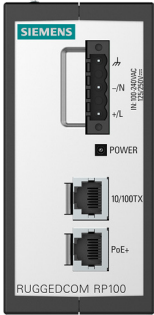|	
No Ethernet ports	**B00/C00**
2 x 10/100TX RJ45	**B01/C01**
2 x 10FL – multi-mode, 850 nm, ST connectors	**B02/C02**
2 x 100FX – multi-mode, 1300 nm, ST connectors	**B03/C03**
2 x 100FX – multi-mode, 1300 nm, SC connectors	**B04/C04**
2 x 100FX – multi-mode, 1300 nm, MTRJ connectors	**B05/C05**
2 x 100FX – multi-mode, 1310 nm, LC connectors	**B06/C06**
2 x 100FX – single-mode, 1300 nm, ST connectors, 20 km	**B07/C07**
2 x 100FX – single-mode, 1300 nm, SC connectors, 20 km	**B08/C08**
2 x 100FX – single-mode, 1300 nm, LC connectors, 20 km	**B09/C09**
2 x 100FX – single-mode, 1300 nm, SC connectors, 50 km	**B10/C10**
2 x 100FX – single-mode, 1300 nm, LC connectors, 50 km	**B11/C11**
2 x 100FX – single-mode, 1300 nm, SC connectors, 90 km	**B12/C12**
2 x 100FX – single-mode, 1300 nm, LC connectors, 90 km	**B13/C13**

Examples

	Order code
RUGGEDCOM RS910, 24 V DC (10 … 36 V DC), no power module 2, no mounting hardware, conformal coating 2 x RS232/422/485 DB9, 2 x 100FX – multi-mode, 1300 nm, SC connectors,1 x 100BASEFX – single-mode, LC connector, 20 km	**6GK6091-0AT21-0AA1-Z A01+B04+C07**

RUGGEDCOM RP100 power injector

Product	Options	Article number	.	-	.	A	A	.	-	Z
RUGGEDCOM RP100		**6GK6010-0AP0**								
	Power supply 1									
	HI-AT = rated to 125 … 250 V DC (88 … 300) or 100 … 240 V AC (85 … 264), Standard 802.3at		1		1					
	HI-RM = rated to 125 … 250 V DC (88 … 300) or 100 … 240 V AC (85 … 264), RuggedMax Power Delivery (RuggedMax devices only)		2		2					
	LO-AT = rated to 12 V DC, 24 … 48 V DC (10 … 60) Standard 802.3at		2		1					
	LO-RM = rated to 12 V DC, 24 … 48 V DC (10 … 60), RuggedMax Power Delivery (RuggedMax devices only)		2		2					
	Manufacturing modification									
	Standard							0		
	Conformal coating							1		

RUGGEDCOM RPS1300 PoE power supply

Product	Description	Order code
RUGGEDCOM RPS1300		
	RUGGEDCOM RPS1300 is a NEMA TS 2 compliant power supply capable of providing up to 140 W of power in the temperature range -40 °C to +75 °C	**6GK6000-8HS01-0AA0**

Accessories

Accessory	Description	Article number
USB console cable	USB 2.0 A type to B type cable assembly 10 feet/3 meters	**6GK6000-8DT01-0AA0**
Panel mounting kit	Allows wall and other lateral mounting, requires assembly and even mounting plate	**6GK6000-8MR20-0AA1**
Power cable without lugs	Power cable with NA plug for pluggable terminal blocks (6 ft) for RUGGEDCOM products	**6GK6000-8BB00-0AA0**
CLP 2 GB	USB storage media, blank, 2 GB capacity, for simple device exchange in case of failure, for storage of configuration or user data	**6GK6000-8RA00-1HA0**
CLP 2 GB (conformal coated)		**6GK6000-8RA00-1HA1**
SFP dust covers	12 x SFP dust covers for RUGGEDCOM products	**6GK6000-8HT02-0CA0**
RJ45 dust covers	8 x RJ45 dust covers for RUGGEDCOM products	**6GK6000-8HT01-0CA0**
FastConnect FO LC plug	FC FO LC PLUG for on site assembly of FC fiber optic cables (62.5/200/230) Package: 10 units, duplex cleaning cloths	**6GK1900-1RB00-2AB0**
FC FO termination kit (LC)	FC LC PLUG assembly case for on-site assembly of FC LC connectors and FC fiber optic cables	**6GK1900-0RL00-0AA0**
Multi mode FO LC duplex plug	LC connector set, for connecting to Ethernet devices with integrated optical multi-mode interface	**6GK1901-0RB10-2AB0**
FC FO standard cable GP	Glass fiber optic cable for assembly in the field, for use at permanent location installation in cable channels and pipes, UL approval, delivery unit max. 1 000 m; minimum order quantity 20 m	**6XV1847-2A**

RUGGEDCOM SFP transceivers

Type	Media	Distance (km)	SFP name	Article number	RS900G	RS900GP	RSG909R RSG907R	RSG910C RSG908C	RSL910	RST916P RST916C	RSG920P	RS940G
Copper	RJ45	0.1	SFP1112-1	6GK6000-8CG01-0AA0	●	●	●	●		●	●	
			SFP1112-1I	6GK6000-8CG02-0AA0	●		●	●		●	●	
100 Mbps Active	MM	2	SFP1121-1FX2A	6GK6000-8FE50-0AA0			●	●		●		
	SM	10	SFP1131-1FX10A	6GK6000-8FE60-0AA0			●	●		●		
		40	SFP1131S-1FX40A	6GK6000-8FE62-0AA0			●	●		●		
100 Mbps	MM	2	SFP1121-1FX2	6GK6000-8FE51-0AA0		●			●		●	
	SM	20	SFP1131-1FX20	6GK6000-8FE52-0AA0		●			●		●	
		50	SFP1131-1FX50	6GK6000-8FE53-0AA0		●			●		●	
		90	SFP1131-1FX90	6GK6000-8FE54-0AA0		●			●		●	
1 Gbps Single-fiber Bidirectional	SM	10	SFP1132-1BX10R	6GK6000-8FB51-0AA0	●	●		●	●	●	●	
			SFP1132-1BX10T	6GK6000-8FB52-0AA0	●	●		●	●	●	●	
		40	SFP1132-1BX40R	6GK6000-8FB53-0AA0	●	●		●	●	●	●	
			SFP1132-1BX40T	6GK6000-8FB54-0AA0	●	●		●	●	●	●	
1 Gbps	MM	0.5	SFP1122-1SX	6GK6000-8FG51-0AA0	●	●	●	●	●	●	●	●
		2	SFP1122-1SX2	6GK6000-8FE58-0AA0			●	●		●		
	SM	10	SFP1132-1LX10	6GK6000-8FG52-0AA0	●	●	●	●	●	●	●	●
		25	SFP1132-1LX25	6GK6000-8FG53-0AA0	●	●	●	●	●	●	●	●
		40	SFP1132-1LX40	6GK6000-8FG57-0AA0	●	●	●	●	●	●	●	●
		70	SFP1132-1LX70	6GK6000-8FG54-0AA0	●	●	●	●	●	●	●	●
		100	SFP1132-1LX100	6GK6000-8FG55-0AA0	●	●			●	●	●	●
		115	SFP1132-1LX115	6GK6000-8FE56-0AA0	●	●			●	●	●	●
10 Gbps	MM	0.4	SFP2123-1SR	6GK6000-8FT50-0AA0						●		
	SM	10	SFP2133-1LR10	6GK6000-8FT51-0AA0						●		
		40	SFP2133-1ER40	6GK6000-8FT53-0AA0						●		
		80	SFP2133-1ZR80	6GK6000-8FT52-0AA0						●		

FastConnect™ Cabling System
Stringent demands are placed on the installation of cables in an industrial environment. Siemens offers FastConnect™, a system that fulfills all these requirements: on-site assembly – quick, easy and error-free. For more information, visit:
siemens.com/fastconnect

Security information

Siemens provides products and solutions with industrial security 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 security 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 security measures that may be implemented, please visit **siemens.com/industrialsecurity**.

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 Security RSS Feed under **siemens.com/cert**.

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