



Industrial Wireless LAN SCALANCE W

Ordering overview – Edition 12/2025
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Ordering overview for Industrial Wireless LAN Access Points and Client Modules

	Mounting	Product	Connections			Notes	Operation	Article no. ¹⁾
			Radio interfaces	Industrial Ethernet	Antennas			
Access Points								
IWLAN – Access Points IEEE 802.11ax (Wi-Fi 6) SCALANCE WAM760 for high-performance solutions								
	For use in control cabinet	SCALANCE WAM763-1	1	4 × RJ45	2 × R-SMA	IP30, with DI/DO	outside the USA for USA for Middle East	6GK5763-1AL00-7DA0 6GK5763-1AL00-7DB0 6GK5763-1AL00-7DC0
	For the indoor area	SCALANCE WAM766-1	1	1 × M12	2 × N-Connect	IP65, with DI/DO	outside the USA for USA for Middle East	6GK5766-1GE00-7DA0 6GK5766-1GE00-7DB0 6GK5766-1GE00-7DC0
	For enhanced environmental conditions	SCALANCE WAM766-1 EEC	1		2 × N-Connect		outside the USA for USA for Middle East	6GK5766-1GE00-7TA0 6GK5766-1GE00-7TB0 6GK5766-1GE00-7TC0
IWLAN – Access Points IEEE 802.11ax (Wi-Fi 6) SCALANCE WAB762 ²⁾ for simple, compact solutions								
	For use in control cabinet	SCALANCE WAB762-1	1	1 × RJ45	1 × R-SMA	IP20	outside the USA	6GK5762-1AJ00-6AA0
IWLAN – Access Points IEEE 802.11n (Wi-Fi 4) SCALANCE W780 ²⁾ for high-performance solutions								
	For use in control cabinet	SCALANCE W788-1 RJ45	1	1 × RJ45	3 × R-SMA	IP30, with DI/DO	outside the USA within the USA	6GK5788-1FC00-0AA0 6GK5788-1FC00-0AB0
		SCALANCE W788-2 RJ45	2		6 × R-SMA		outside the USA within the USA Middle East	6GK5788-2FC00-0AA0 6GK5788-2FC00-0AB0 6GK5788-2FC00-0ACO
	For the indoor area	SCALANCE W788-1 M12	1	1 × M12	3 × N-Connect	IP65	outside the USA within the USA	6GK5788-1GD00-0AA0 6GK5788-1GD00-0AB0
		SCALANCE W788-2 M12	2		6 × N-Connect		outside the USA within the USA	6GK5788-2GD00-0AA0 6GK5788-2GD00-0AB0
	For enhanced environmental conditions	SCALANCE W788-2 M12 EEC	2		6 × N-Connect		outside the USA within the USA	6GK5788-2GD00-0TA0 6GK5788-2GD00-0TB0
	For the outdoor area	SCALANCE W786-1 RJ45	1	1 × RJ45	3 × R-SMA	IP65	outside the USA within the USA	6GK5786-1FC00-0AA0 6GK5786-1FC00-0AB0
		SCALANCE W786-2 RJ45	2		6 × R-SMA		outside the USA within the USA Middle East	6GK5786-2FC00-0AA0 6GK5786-2FC00-0AB0 6GK5786-2FC00-0ACO
		SCALANCE W786-2IA RJ45	2	6 × intern	outside the USA within the USA		6GK5786-2HC00-0AA0 6GK5786-2HC00-0AB0	
		SCALANCE W786-2 SFP	2	2 × SFP	6 × R-SMA		outside the USA within the USA	6GK5786-2FE00-0AA0 6GK5786-2FE00-0AB0
IWLAN – Access Points IEEE 802.11n (Wi-Fi 4) SCALANCE W770 ²⁾ for demanding solutions								
	For the indoor area	SCALANCE W778-1 M12	1	2 × M12	2 × N-Connect	IP65	outside the USA within the USA	6GK5778-1GY00-0AA0 6GK5778-1GY00-0AB0
	For enhanced environmental conditions	SCALANCE W778-1 M12 EEC	1		2 × N-Connect		outside the USA within the USA	6GK5778-1GY00-0TA0 6GK5778-1GY00-0TB0
	For use in control cabinet	SCALANCE W774-1 RJ45	1	2 × RJ45	2 × R-SMA	IP30	outside the USA within the USA Middle East	6GK5774-1FX00-0AA0 6GK5774-1FX00-0AB0 6GK5774-1FX00-0ACO
	For enhanced environmental conditions	SCALANCE W774-1 M12 EEC	1	2 × M12	2 × R-SMA		outside the USA within the USA	6GK5774-1FY00-0TA0 6GK5774-1FY00-0TB0
IWLAN – Access Points IEEE 802.11n (Wi-Fi 4) SCALANCE W760 ²⁾ for simple, compact solutions								
	For use in control cabinet	SCALANCE W761-1 RJ45	1	1 × RJ45	1 × R-SMA	IP20	outside the USA within the USA	6GK5761-1FC00-0AA0 6GK5761-1FC00-0AB0
Client Modules								
IWLAN - Client Module IEEE 802.11ax (Wi-Fi 6) SCALANCE WUM760 for high-performance solutions								
	For use in control cabinet	SCALANCE WUM763-1	1	4 × RJ45	2 × R-SMA	IP30, with DI/DO IP30 IP30, with DI/DO IP30	outside the USA within the USA	6GK5763-1AL00-3DA0 6GK5763-1AL00-3AA0 6GK5763-1AL00-3DB0 6GK5763-1AL00-3AB0
	For the indoor area	SCALANCE WUM766-1	1	1 × M12	2 × N-Connect	IP65, with DI/DO	outside the USA within the USA Middle East	6GK5766-1GE00-3DA0 6GK5766-1GE00-3DB0 6GK5766-1GE00-3DC0
IWLAN – Client Modules IEEE 802.11ax (Wi-Fi 6) SCALANCE WUB762 ¹⁾ for simple, compact solutions								
	For use in control cabinet	SCALANCE WUB762-1	1	1 × RJ45	1 × R-SMA	IP20 IP20, iFeatures	outside the USA	6GK5762-1AJ00-1AA0 6GK5762-1AJ00-2AA0
IWLAN – Client Modules IEEE 802.11n (Wi-Fi 4) SCALANCE W740 ²⁾ for high-performance solutions								
	For use in control cabinet	SCALANCE W748-1 RJ45	1	1 × RJ45	3 × R-SMA	IP30, with DI/DO	outside the USA within the USA	6GK5748-1FC00-0AA0 6GK5748-1FC00-0AB0
	For the indoor area	SCALANCE W748-1 M12	1	1 × M12	3 × N-Connect	IP65	outside the USA within the USA	6GK5748-1GD00-0AA0 6GK5748-1GD00-0AB0
IWLAN – Client Modules IEEE 802.11n (Wi-Fi 4) SCALANCE W730 ²⁾ for demanding solutions								
	For the indoor area	SCALANCE W738-1 M12	1	2 × M12	2 × N-Connect	IP65	outside the USA within the USA	6GK5738-1GY00-0AA0 6GK5738-1GY00-0AB0
	For use in control cabinet	SCALANCE W734-1 RJ45	1	2 × RJ45	2 × R-SMA	IP30	outside the USA within the USA	6GK5734-1FX00-0AA0 6GK5734-1FX00-0AB0
IWLAN – Client Modules IEEE 802.11n (Wi-Fi 4) SCALANCE W720 ²⁾ for simple, compact solutions								
	For use in control cabinet	SCALANCE W722-1 RJ45	1	1 × RJ45	1 × R-SMA	IP20, iFeatures	outside the USA within the USA Middle East	6GK5722-1FC00-0AA0 6GK5722-1FC00-0AB0 6GK5722-1FC00-0ACO
		SCALANCE W721-1 RJ45	1		1 × R-SMA	IP20	outside the USA within the USA	6GK5721-1FC00-0AA0 6GK5721-1FC00-0AB0
Accessories								
IWLAN – PLUGs								
		SCALANCE CLP 2GB	Removable data storage medium for the SCALANCE W1700/WxM76x product range for quick and easy exchange of defective devices					6GK1900-0UB00-0AA0
		SCALANCE CLP 2GB W700 AP iFeatures	Removable data storage medium for the SCALANCE W1700/WxM76x product range for upgrading with additional industrial functions (iFeatures) in Access Point mode					6GK5907-8UA00-0AA0
		SCALANCE CLP 2GB W700 Client iFeatures	Removable data storage medium for the SCALANCE W1700/WxM76x product range for upgrading with additional industrial functions (iFeatures) in Client mode					6GK5907-4UA00-0AA0
		C-PLUG	Removable data storage medium for the SCALANCE W700 product range for quick and easy exchange of defective devices					6GK1900-0AB10
		KEY-PLUG W780 iFeatures	Removable data storage medium for the SCALANCE W700 product range for upgrading with additional industrial functions (iFeatures) in Access Point mode					6GK5907-8PA00
		KEY-PLUG W740 iFeatures	Removable data storage medium for the SCALANCE W700 product range for upgrading with additional industrial functions (iFeatures) in Client mode					6GK5907-4PA00
		KEY-PLUG W700 Security	Removable data storage medium for the SCALANCE W700 product range for upgrading with additional industrial functions (Security) in Access Point mode					6GK5907-0PA00
IWLAN – Accessories								
		Standard Rail Mounting Set SCALANCE W1780	For mounting of SCALANCE W1780 products onto a S7-300 or S7-1500 standard rail					6GK5798-8MS00-0AA0
		Wall Mounting Set SCALANCE W1780	For ceiling or wall mounting of SCALANCE W1780 products					6GK5798-8MW00-0AA0
		Mounting Set SCALANCE W786	For fixing the SCALANCE W786 products onto a S7-300 mounting rail or a 35 mm standard DIN rail					6GK5798-8MG00-0AA0
		DIN Rail Mounting Adapter	For SCALANCE W788 M12 and SCALANCE W788 RJ45					6GK5798-8ML00-0AB3
			For SCALANCE W778, W778 EEC, W738, WAM766-1/WAM766-1 EEC/WUM766-1, and 90° DIN rail mounting for SCALANCE WAM/WUM763-1					6GK5798-8MF00-0AA1
			For DIN rail mounting of SCALANCE W778, W778 EEC and W738 onto a 35 mm standard DIN rail in combination with a DIN rail mounting adapter					6GK5798-8MA00-0AA1
			For DIN rail mounting in combination with SCALANCE MUM856-1, WAM/WUM766-1, angle with DIN rail mounting adapter for 35 mm DIN rail					6GK5798-8MF00-0AB1
IWLAN – Power supplies								
	For SCALANCE W786	Power Supply PS 791-2DC	12 ... 24 V DC for direct installation					6GK5791-2DC00-0AA0
		Power Supply PS 791-2AC	90 ... 240 V AC for direct installation					6GK5791-2AC00-0AA0

¹⁾ Current ordering data as well as conditions of sales and delivery are available at:
https://mail.industry.siemens.com/legal/ww/en/terms_of_trade_en.pdf

²⁾ Capable of PROFINET or EtherNet/IP diagnostics alternatively

The TIA Selection Tool is available to assist in selecting the right products for Industrial Wireless LAN:
www.siemens.com/tia-selection-tool

Wireless approvals
You will find current wireless approvals in the internet at:
www.siemens.com/wireless-approvals

Ordering overview for Industrial Wireless LAN antennas and cabling technology

	Mounting	Product	Connection	Frequency	Notes	Gain 2.4/5 GHz	Article no. ¹⁾
Antennas							
IWLAN – Antennas with omnidirectional characteristic							
	Directly onto SCALANCE W	ANT795-4MA	1 × R-SMA Male, radial rotation possible	2.4/5 GHz	IP30	3/5 dBi	6GK5795-4MA00-0AA3
		ANT795-4MB	1 × R-SMA Male, radial rotation possible			2/3 dBi	6GK5795-4MB00-0AA0
		ANT795-4MC	1 × N-Connect Male, straight		IP65	3/5 dBi	6GK5795-4MC00-0AA3
		ANT795-4MD	1 × N-Connect Male, fixed 90° angle			6GK5795-4MD00-0AA3	
		ANT795-4MX	1 × N-Connect Male, straight			IP68/69K	2/2 dBi
	Wall or mast mounting	ANT792-6MN	1 × N-Connect Female	2.4 GHz	IP67	6 dBi	6GK5792-6MN00-0AA6
		ANT795-6MP		2.4/5 GHz	IP65/67	5/8 dBi	6GK5795-6MP10-0AA0
	Wall, mast or roof mounting	ANT897-4ME	1 × N-Connect Female	2.4/5 GHz	IP65	2/7 dBi	6GK5897-4ME00-0AA0
	Roof or mast mounting	ANT795-6MN	1 × N-Connect Female	2.4/5 GHz	IP65	6/8 dBi	6GK5795-6MN10-0AA6
		Mounting Kit for ANT795-6MN	Including plastic ring or N/N angled adapter				6GK5795-6MN01-0AA6
		ANT897-5PN	4 × N-Connect Female (Connection of 2 SCALANCE W devices possible)	2.4/5 GHz	IP69K	3/7 dBi	6GK5897-5PN00-0AA0

IWLAN – Sector antennas

	Wall or mast mounting	ANT795-6DC	1 × N-Connect Female	2.4/5 GHz	IP66/67	9/9 dBi	6GK5795-6DC00-0AA0
		ANT793-6DG	2 × N-Connect Female	5 GHz		9 dBi	6GK5793-6DG00-0AA0

IWLAN – Directional antennas

	Wall or mast mounting	ANT792-8DN	1 × N-Connect Female	2.4 GHz	IP23	14 dBi	6GK5792-8DN00-0AA6
		ANT793-8DJ	2 × N-Connect Female	5 GHz	IP67	18 dBi	6GK5793-8DJ00-0AA0
		ANT793-8DK	2 × N-Connect Female			23 dBi	6GK5793-8DK00-0AA0
		ANT793-8DP	1 × N-Connect Female	4.9 ... 5.35 GHz	IP66/67	13.5 dBi	6GK5793-8DP00-0AA0
		ANT793-8DL	2 × N-Connect Female	4.9 ... 5.9 GHz	IP66	14 dBi	6GK5793-8DL00-0AA0

Antennas for use with IWLAN RCoax systems

	Vertically upon RCoax Cable	ANT792-4DN	1 × N-Connect Female	2.4 GHz	IP65	4 dBi	6GK5792-4DN00-0AA6
		ANT793-4MN		5 GHz		6 dBi	6GK5793-4MN00-0AA6

Product	Frequency	Notes	Length or number	Article no. ¹⁾
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IWLAN – RCoax-Systeme

	RCoax Cable	2.4 GHz	IP65	1 m	6XV1875-2A	
		5 GHz			6XV1875-2D	
	RCoax N-Connect Stripping Tool				1 item	6GK1901-1PH00
	RCoax N-Connect Female Connector On-Site-Assembly				1 item	6GK5798-0CN00-0AA0
	RCoax Cable Clip 1/2"				10 items	6GK5798-8MB00-0AC1
	RCoax Cable Clip 1/2"				100 items	6GK5798-8MB00-0AM1
	RCoax Threaded Washer M6 for Cable Clip 1/2"				10 items	6GK5798-8MC00-0AC1
	RCoax Threaded Washer M6 for Cable Clip 1/2"				100 items	6GK5798-8MC00-0AM1
	RCoax Spacer 85 mm				10 items	6GK5798-8MD00-0AC1
	RCoax Spacer 85 mm				100 items	6GK5798-8MD00-0AM1

IWLAN – Cabling technology

	Pre-assembled N-Connect/R-SMA Male/Male Flexible Connection Cable	0 ... 6 GHz	IP68	0.3 m	6XV1875-5CE30
				1 m	6XV1875-5CH10
				2 m	6XV1875-5CH20
				5 m	6XV1875-5CH50
				10 m	6XV1875-5CN10
	Pre-assembled N-Connect/R-SMA Male/Male Flexible Connection Cable railway applications	0 ... 6 GHz	IP67	1 m	6XV1875-5TH10
				2 m	6XV1875-5TH20
				3 m	6XV1875-5TH30
				5 m	6XV1875-5TH50
	Pre-assembled N-Connect Male/Male Flexible Connection Cable	0 ... 6 GHz	IP68	1 m	6XV1875-5AH10
				2 m	6XV1875-5AH20
				5 m	6XV1875-5AH50
				10 m	6XV1875-5AN10
	Pre-assembled N-Connect Male/Male Flexible Connection Cable railway applications	0 ... 6 GHz	IP67	1 m	6XV1875-5SH10
				2 m	6XV1875-5SH20
				5 m	6XV1875-5SH50
	Pre-assembled R-SMA/SMA Male/Male Flexible Connection Cable	0 ... 6 GHz	IP68	0.3 m	6XV1875-5DE30
				2 m	6XV1875-5DH20
	N-Connect Male Termination Impedance T1795-1N	0 ... 6 GHz	IP65	1 item	6GK5795-1TN00-1AA0
	R-SMA Male Termination Impedance T1795-1R	0 ... 6 GHz	IP65	3 items	6GK5795-1TR10-0AA6
	Lightning Protector LP798-1N	0 ... 6 GHz	IP68	1 item	6GK5798-2LP00-2AA6
	Lightning Protector LP798-2N	2 ... 6 GHz	IP68	1 item	6GK5798-2LP10-2AA6
	N-Connect Female Power Splitter	2.4 ... 6 GHz	IP66/68	1 item	6GK5798-0SN00-0EA0
	N-Connect Male/Male Coupler	0 ... 6 GHz	IP68	1 item	6GK5798-0CP00-1AA0
	N-Connect Male/Female Attenuator 10 dB	0 ... 6 GHz	IP67	1 item	6GK5798-0AP00-4CA0
	N-Connect Female/Female Cabinet Bushing	0 ... 11 GHz	IP68	1 item	6GK5798-2PP00-2AA6
	N-Connect/SMA Female/Female Cabinet Bushing	0 ... 6 GHz	IP67	1 item	6GK5798-0PT00-2AA0
	R-SMA Male/Female Angular Adapter	0 ... 6 GHz	IP67	1 item	6GK5798-1CS00-4AA0

SCALANCE W Access Points and Client Modules – product overview

WLAN Technology	Client Modules					Access Points				
	11n / Wi-Fi 4		11ax / Wi-Fi 6			11n / Wi-Fi 4		11ax / Wi-Fi 6		
	also configurable as Client Modules									
Product Family	SCALANCE									
	W720	W730	W740	WUM	WUB	W760	W770	W780	WAM	WAB
For enhanced environmental conditions (EEC)										
For outdoor use										
For production hall mounting										
For use in control cabinet										
Special industrial functions	iFeatures									
iPCF: Real-time communication for track-guided applications	1	•	•				•	•		
iPCF-MC: Real-time communication for freely moving applications	1	•	•					•		
iPCF-2: Real-time communication for track-guided and freely moving applications				•	•				•	
iPRP: Seamless redundancy	•	•	•	•	•		•	•	•	
Inter AP-Blocking							•	•	•	

1) only on SCALANCE W722 2) only on SCALANCE WUB762-1 iFeatures

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Industrial Wireless LAN-antennas – product overview

Type of antenna	Frequency range (GHz)	Antennas	SCALANCE W780/W740	SCALANCE W760/W720/W70/W730	SCALANCE W770/W730 IP65	SCALANCE W780/W740	SCALANCE WAM766-1/WUM766-1	SCALANCE WAM768-1/WUM768-1	
omnidirectional	2.4		•	•	•	•	•	•	
							•	•	
						•	•		
	2.4 and 5		•	•				•	
			•	•				•	
			•		•	•			
			•		•	•		•	
	Sector	2.4 and 5		•	•	•	•		
				•	•	•	•	•	•
		5		•	•	•	•	•	•
			•	•	•	•	•	•	
			•	•	•	•	•		

Type of antenna	Frequency range (GHz)	Antennas	SCALANCE W780/W740	SCALANCE W760/W720/W70/W730	SCALANCE W770/W730 IP65	SCALANCE W780/W740	SCALANCE WAM766-1/WUM766-1	SCALANCE WAM768-1/WUM768-1
directional	2.4		•			•	•	•
			•	•	•	•*	•	•
	5		•	•			•*	•
			•	•			•*	•
			•	•			•*	•
			•	•			•*	•
RCoax	2.4	RCoax radiating cables 2.4 GHz	•			•	•	•
			•	•	•	•	•	•
	5	RCoax radiating cables 5 GHz	•	•	•	•	•	•
			•	•	•	•	•	•

*Antennas can only be used on one antenna connector per radio interface (RIA1 or R2A1) and the rest of the antenna connectors have to be fitted with a terminating resistor.

G_IK10_XX_30817

Cybersecurity 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 necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place.

For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry

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 Cybersecurity RSS Feed under www.siemens.com/cert