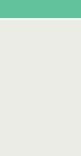




Industrial Wireless LAN
SCALANCE W

Ordering overview – Edition 12/2025
siemens.com/iwlan

Ordering overview for Industrial Wireless LAN Access Points and Client Modules													
			Connections										
	Mounting	Product	Radio interfaces	Industrial Ethernet	Antennas	Notes	Operation	Article no. ¹⁾					
	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	6GK5763-1AL00-7DA0					
							for USA	6GK5763-1AL00-7DB0					
							for Middle East	6GK5763-1AL00-7DC0					
	For the indoor area	SCALANCE WAM766-1	1	1 × M12	2 × N-Connect	IP65, with DI/DO	outside the USA	6GK5766-1GE00-7DA0					
							for USA	6GK5766-1GE00-7DB0					
	For enhanced environmental conditions	SCALANCE WAM766-1 EEC	1		2 × N-Connect		for Middle East	6GK5766-1GE00-7DC0					
							outside the USA	6GK5766-1GE00-7TA0					
							for USA	6GK5766-1GE00-7TB0					
						for Middle East	6GK5766-1GE00-7TC0						
	IWLAN – Access Points IEEE 802.11ax (Wi-Fi 6) SCALANCE WAB762 ¹⁾ 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	6GK5788-1FC00-0AA0					
		SCALANCE W788-2 RJ45	2		6 × R-SMA		within the USA	6GK5788-1FC00-0AB0					
				outside the USA			6GK5788-2FC00-0AA0						
				within the USA			6GK5788-2FC00-0AB0						
		Middle East	6GK5788-2FC00-0AC0										
	For the indoor area	SCALANCE W788-1 M12	1	1 × M12	3 × N-Connect	IP65	outside the USA	6GK5788-1GD00-0AA0					
		SCALANCE W788-2 M12	2		6 × N-Connect		within the USA	6GK5788-1GD00-0AB0					
	outside the USA			6GK5788-2GD00-0AA0									
	within the USA			6GK5788-2GD00-0AB0									
For enhanced environmental conditions	SCALANCE W788-2 M12 EEC	2	6 × N-Connect	outside the USA	6GK5788-2GD00-0TA0								
				within the USA	6GK5788-2GD00-0TB0								
	For the outdoor area	SCALANCE W786-1 RJ45	1	1 × RJ45	3 × R-SMA	IP65	outside the USA	6GK5786-1FC00-0AA0					
		SCALANCE W786-2 RJ45	2		6 × R-SMA		within the USA	6GK5786-1FC00-0AB0					
				outside the USA			6GK5786-2FC00-0AA0						
				within the USA			6GK5786-2FC00-0AB0						
		Middle East	6GK5786-2FC00-0AC0										
	SCALANCE W786-2IA RJ45	2	6 × intern	outside the USA	6GK5786-2HC00-0AA0								
				within the USA	6GK5786-2HC00-0AB0								
				outside the USA	6GK5786-2HE00-0AA0								
within the USA				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	6GK5778-1GY00-0AA0					
	For enhanced environmental conditions	SCALANCE W778-1 M12 EEC	1		2 × N-Connect		within the USA	6GK5778-1GY00-0AB0					
	For use in control cabinet	SCALANCE W774-1 RJ45	1	2 × RJ45	2 × R-SMA	IP30	outside the USA	6GK5774-1FX00-0AA0					
							within the USA	6GK5774-1FX00-0AB0					
	For enhanced environmental conditions	SCALANCE W774-1 M12 EEC	1	2 × M12	2 × R-SMA		Middle East	6GK5774-1FX00-0AC0					
							outside the USA	6GK5774-1FY00-0TA0					
							within the USA	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	6GK5761-1FC00-0AA0					
							within the USA	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	outside the USA	6GK5763-1AL00-3DA0					
						IP30		6GK5763-1AL00-3AA0					
						IP30, with DI/DO	within the USA	6GK5763-1AL00-3DB0					
						IP30		6GK5763-1AL00-3AB0					
	For the indoor area	SCALANCE WUM766-1	1	1 × M12	2 × N-Connect	IP65, with DI/DO	outside the USA	6GK5766-1GE00-3DA0					
							within the USA	6GK5766-1GE00-3DB0					
							Middle East	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	outside the USA	6GK5762-1AJ00-1AA0					
						IP20, iFeatures		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	6GK5748-1FC00-0AA0					
							within the USA	6GK5748-1FC00-0AB0					
	For the indoor area	SCALANCE W748-1 M12	1	1 × M12	3 × N-Connect	IP65	outside the USA	6GK5748-1GD00-0AA0					
							within the USA	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	6GK5738-1GY00-0AA0					
							within the USA	6GK5738-1GY00-0AB0					
	For use in control cabinet	SCALANCE W734-1 RJ45	1	2 × RJ45	2 × R-SMA	IP30	outside the USA	6GK5734-1FX00-0AA0					
							within the USA	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	6GK5722-1FC00-0AA0					
							within the USA	6GK5722-1FC00-0AB0					
		SCALANCE W721-1 RJ45	1	1 × RJ45	1 × R-SMA	IP20	Middle East	6GK5722-1FC00-0AC0					
							outside the USA	6GK5721-1FC00-0AA0					
	For use in control cabinet	SCALANCE W721-1 RJ45	1	1 × RJ45	1 × R-SMA	IP20	within the USA	6GK5721-1FC00-0AB0					
							within the USA	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					
		90° Angled Adapter for DIN Rail Mounting	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://mall.industry.siemens.com/legal/ww/en/terms_of_trade_en.pdf

²⁾ Capable of PROFINET or EtherNet/IP diagnostics alternatively

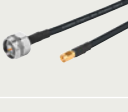
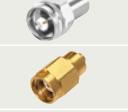
The TIA Selection Tool is available to assist in selecting the right products for Industrial Wireless LAN:
www.siemens.com/tia-selection-tool

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		IP65	2/3 dBi	6GK5795-4MB00-0AA0
		ANT795-4MC	1 × N-Connect Male, straight			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	6GK5795-4MX00-0AA0
	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		IP67	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⁾
	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 TI795-1N	0 ... 6 GHz	IP65	1 item	6GK5795-1TN00-1AA0
	R-SMA Male Termination Impedance TI795-1R	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

	Client Modules					Access Points				
						also configurable as Client Modules				
	WLAN Technology	11n / Wi-Fi 4		11ax / Wi-Fi 6			11n / Wi-Fi 4		11ax / Wi-Fi 6	
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 applicationsa				•	2				•	
iPRP: Seamless redundancy	1	•	•	•	2		•	•	•	
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 W710/W730 IP65	SCALANCE W1780/W1740	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 W710/W730 IP65	SCALANCE W1780/W1740	SCALANCE WAM766-1/WUM766-1	SCALANCE WAM768-1/WUM768-1
directional	2.4		•			•	•	•
	5		•	•	•	•*	•	•
			•	•	•	•*	•	•
			•	•	•	•*	•	•
			•	•	•	•*	•	•
			•	•	•	•	•	•
RCoax	2.4		•	•	•	•	•	•
	5		•	•	•	•	•	•
			•	•	•	•	•	•

*Antennas can only be used on one antenna connector per radio interface (R1A1 or R2A1) and the rest of the antenna connectors have to be fitted with a terminating resistor.

G_K10_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