



Industrial Wireless LAN SCALANCE W

Product overview – Edition 05/2024
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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	6GK5766-1GE00-7BA0
							for Middle East	6GK5766-1GE00-7CA0
	For enhanced environmental conditions	SCALANCE WAM766-1 EEC					outside the USA	6GK5766-1GE00-7TA0
	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 802.11ac (Wi-Fi 5) SCALANCE W1788 ²⁾ for high-performance solutions							
	For the indoor area	SCALANCE W1788-1 M12	1	2 × M12	4 × N-Connect	IP65	outside the USA	6GK5788-1GY01-0AA0
		SCALANCE W1788-2 M12	2		8 × N-Connect		outside the USA	6GK5788-2GY01-0AA0
		SCALANCE W1788-2IA M12	2		8 × intern		outside the USA	6GK5788-2HY01-0AA0
	For enhanced environmental conditions	SCALANCE W1788-2 M12 EEC	2		8 × N-Connect		outside the USA	6GK5788-2GY01-0TA0
	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	6GK5788-2FC00-0AB0
	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	6GK5788-2GD00-0AB0
	For enhanced environmental conditions	SCALANCE W788-2 M12 EEC	2		6 × N-Connect		outside the USA	6GK5788-2GD00-0TA0
	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	6GK5786-2FC00-0AB0
		SCALANCE W786-2IA RJ45	2		6 × intern		Middle East	6GK5786-2FC00-0AC0
		SCALANCE W786-2 SFP	2	2 × SFP	6 × R-SMA		outside the USA	6GK5786-2FE00-0AA0
							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
	For enhanced environmental conditions	SCALANCE W774-1 M12 EEC	1	2 × M12	2 × R-SMA		within the USA	6GK5774-1FX00-0AB0
							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
	For the indoor area	SCALANCE WUM766-1	1	1 × M12	2 × N-Connect	IP65	outside the USA	6GK5766-1GE00-3DA0
	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	outside the USA	6GK5762-1AJ00-1AA0
						iFeatures		6GK5762-1AJ00-2AA0
	IWLAN – Client Module IEEE 802.11ac (Wi-Fi 5) SCALANCE W1740 ²⁾ for high-performance solutions							
	For the indoor area	SCALANCE W1748-1 M12	1	2 × M12	4 × N-Connect	IP65	outside the USA	6GK5748-1GY01-0AA0
	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 × R-SMA	IP20	Middle East
							outside the USA	6GK5721-1FC00-0AA0
							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 For SCALANCE W778, W778 EEC, W738, WAM766-1/WAM766-1 EEC/WUM766-1, and 90° DIN rail mounting for SCALANCE WAM/WUM763-1					6GK5798-8ML00-0AB3
		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 For DIN rail mounting in combination with SCALANCE MUM856-1, WAM/WUM766-1, angle with DIN rail mounting adapter for 35 mm DIN rail					6GK5798-8MA00-0AA1
	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			IP68/69K	2/2 dBi	6GK5795-4MD00-0AA3
		ANT795-4MX	1 × N-Connect Male, straight					
	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	5/7 dBi	6GK5795-6MP00-0AA0	
		ANT897-4ME			IP65	2/6 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	2.4/5 GHz	IP69K	4/6 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	
						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	11ac / Wi-Fi 5	11ax / Wi-Fi 6			11n / Wi-Fi 4	11ac / Wi-Fi 5	11ax / Wi-Fi 6			
Product Family	SCALANCE											
	W720	W730	W740	W1740	WUM	WUB	W760	W770	W780	W1780	WAM	WAB
For enhanced environmental conditions (EEC)												
For outdoor use												
For production hall mounting												
For use in control cabinet												
Special Industrial functions	iFeatures											
IPCF/IPCF-MC/IPCF-2	••	•	•		•			•	•		•	
iPRP	••	•	•	•	•	•		•	•	•	•	•
Inter AP-Blocking								•	•		•	










• only W722

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Industrial Wireless LAN-antennas – product overview

Type of antenna	Frequency range (GHz)	Antennas	SCALANCE W760/W740	SCALANCE W760/W720, W770/W730	SCALANCE W770/W730 IP65	SCALANCE W1780/W1740	SCALANCE WAM766-1/ WUM766-1
omnidirectional	2.4		ANT792-6MN	•	•	•	•
	2.4 and 5		ANT795-4MA	•	•		
			ANT795-4MB	•	•		
			ANT795-4MC	•		•	•
			ANT795-4MD	•		•	•
			ANT795-4MX	•		•	•
			ANT795-6MN	•	•	•	•
Sector	2.4 and 5		ANT795-6DC	•	•	•	•
	5		ANT793-6DG	•	•	•	•

G_K10_XX_30318

Type of antenna	Frequency range (GHz)	Antennas	SCALANCE W780/W740	SCALANCE W760/W720, W770/W730	SCALANCE W770/W730 IP65	SCALANCE W1780/W1740	SCALANCE WAM766-1/ WUM766-1
directional	2.4		ANT792-8DN	•			•
	5		ANT793-8DP	•	•		•
			ANT793-8DJ	•	•		•
			ANT793-8DK	•	•		•
			ANT793-8DL	•	•		•
			RCoax radiating cables 2.4 GHz	•	•		•
RCoax	2.4		ANT792-4DN	•	•		•
	5		RCoax radiating cables 5 GHz	•	•		•
			ANT793-4MN	•	•		•

G_K10_XX_30317

*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.

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 <https://www.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 <https://www.siemens.com/industrialsecurity>