SIEMENS

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

	Mounting	Product	Radio interfaces	Industrial Ethernet	Antennas	Notes	Operation	Article no.[1]
			Connections					
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 EI/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
							within the USA	6GK5788-1FC00-0AB0
		SCALANCE W788-2 RJ45	2		6 × R-SMA		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
							within the USA	6GK5788-1GD00-0AB0
		SCALANCE W788-2 M12	2		6 × N-Connect		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
							within the USA	6GK5786-1FC00-0AB0
		SCALANCE W786-2 RJ45	2		6 × R-SMA		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
		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
							within the USA	6GK5778-1GY00-0AB0
	For enhanced environmental conditions	SCALANCE W778-1 M12 EEC	1	2 × M12	2 × N-Connect		outside the USA	6GK5778-1GY00-0TA0
							within the USA	6GK5778-1GY00-0TB0
	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
							Middle East	6GK5774-1FX00-0AC0
	For enhanced environmental conditions	SCALANCE W774-1 M12 EEC	1	2 × M12	2 × R-SMA		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	outside the USA	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	outside the USA	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
							Middle East	6GK5722-1FC00-0AC0
		SCALANCE W721-1 RJ45	1		1 × R-SMA	IP20	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					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			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	6GK5795-4MX00-0AA0
	Wall or mast mounting	ANT792-6MN		2.4 GHz	IP67	6 dBi	6GK5792-6MN00-0AA6
		ANT795-6MP	1 × N-Connect Female	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	6GK5793-8DJ00-0AA4
		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	6GK5793-8DL00-0AA4
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 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

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Industrial Wireless LAN-antennas – product overview

*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.

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