

	Mounting	Product	Connection	for IWLAN acc. to IEEE 802.11	Frequency	Notes	Order No.
IWLAN – Antennas with omnidirectional characteristic							
	directly onto SCALANCE W	Antenna ANT795-4MC	1x N-Connect male	11n	2,4 / 5 GHz	IP65	6GK5 795-4MC00-0AA3
		Antenna ANT795-4MD					6GK5 795-4MD00-0AA3
		Antenna ANT795-4MR	1x R-SMA male	11a/b/g			6GK5 795-4MR00-0AA6
		Antenna ANT795-4MA	1x R-SMA male with additional joint	11n			6GK5 795-4MA00-0AA3
		Antenna ANT795-4MS		11a/b/g			6GK5 795-4MS00-0AA6
	Wall or mast mounting	Antenna ANT792-6MN	1x N-Connect female	11n + a/b/g	2,4 GHz	IP65	6GK5 792-6MN00-0AA6
		Antenna ANT793-6MN			5 GHz		6GK5 793-6MN00-0AA6
	Roof, wall or mast mounting	Antenna ANT795-6MN	1x N-Connect female	11n	2,4 / 5 GHz		6GK5 795-6MN10-0AA6
		Antenna ANT795-6MT	3x QMA female				6GK5 795-6MT00-0AA0
IWLAN – Directional antennas							
	Wall or mast mounting	Antenna ANT795-6DC	1x N-Connect female	11n	2,4 / 5 GHz	IP67	6GK5 795-6DC00-0AA0
		Antenna ANT793-6DG	2x N-Connect female		5 GHz		6GK5 793-6DG00-0AA0
		Antenna ANT793-6DT	3x QMA female		6GK5 793-6DT00-0AA0		
		Antenna ANT795-6DN	1x N-Connect female	11a/b/g	2,4 / 5 GHz	IP55	6GK5 795-6DN00-0AA6
		Antenna ANT792-8DN	1x N-Connect female	11n + a/b/g	2,4 GHz	IP23	6GK5 792-8DN00-0AA6
		Antenna ANT793-8DN	1x N-Connect female	11a/b/g		IP65	6GK5 793-8DN00-0AA6
		Antenna ANT793-8DJ	2x N-Connect female	11n	5 GHz	IP67	6GK5 793-8DJ00-0AA0
		Antenna ANT793-8DK	2x N-Connect female		IP67	6GK5 793-8DK00-0AA0	
IWLAN – Antennas for RCoax systems							
	vertically upon RCoax	Antenna ANT792-4DN	1x N-Connect female	11n + a/b/g	2,4 GHz	IP65	6GK5 792-4DN00-0AA6
		Antenna ANT793-4MN			5 GHz		6GK5 793-4MN00-0AA6
IWLAN – RCoax Cable							
	suitable for laying	IWLAN RCoax Cable		11n + a/b/g	2,4 GHz	IP65	6XV1 875-2A
					5 GHz		6XV1 875-2D
IWLAN – Cabling technology							
		IWLAN RCoax Antenna N-Connect/R-SMA male/male Flexible Connection Cable		0,3 m	N-Connect/R-SMA male/male		6XV1 875-5CE30
				1 m			6XV1 875-5CH10
				2 m			6XV1 875-5CH20
				5 m			6XV1 875-5CH50
				10 m			6XV1 875-5CN10
		IWLAN RCoax Antenna N-Connect male/male Flexible Connection Cable		1 m	N-Connect/N-Connect male/male		6XV1 875-5AH10
				2 m			6XV1 875-5AH20
				5 m			6XV1 875-5AH50
				10 m			6XV1 875-5AN10
		IWLAN RCoax Antenna QMA/N-Connect male/female Flexible Connection Cable		3 m	QMA/N-Connect male/female		6XV1 875-5JH10
		IWLAN RCoax Antenna R-SMA/SMA male/male Flexible Connection Cable		0,3 m	R-SMA/SMA male/male		6XV1 875-5DE30
				1 m			6XV1 875-5DH20
		IWLAN RCoax Antenna N-Connect male Termination Impedance TI975-1N		≤ 6 GHz	N-Connect male		6GK5 795-1TN00-1AA0
		IWLAN RCoax Antenna R-SMA male Termination Impedance TI975-1R		≤ 6 GHz	R-SMA male		6GK5 795-1TR10-0AA6
		Lightning Protector LP798-1N			0 to 6 GHz	IP67	6GK5 798-2LP00-2AA6
		Lightning Protector LP798-2N		Quarterwave	2 to 6 GHz	IP68	6GK5 798-2LP10-2AA6
		IWLAN RCoax Antenna N-Connect female Power Splitter		2,4 ... 6 GHz			6GK5 798-0SN00-0EA0
		IWLAN RCoax Antenna N-Connect male/male Coupler		≤ 6 GHz			6GK5 798-0CP00-1AA0
		IWLAN RCoax Antenna N-Connect male/female Attenuator		≤ 6 GHz		10 dB	6GK5 798-0AP00-4CA0
		IWLAN RCoax Antenna N-Connect/SMA female/female Panel Feedthrough			wall thickness max. 5.5 mm		
		IWLAN RCoax Antenna N-Connect/N-Connect female/female Panel Feedthrough			wall thickness max. 5.5 mm		6GK5 798-2PP00-2AA0

IWLAN – Power Supplies							
	for SCALANCE	Power Supply PS791-1PRO	Input: 90 V AC-265 V, Output: 24 V DC		10 W	IP65	6GK5 791-1PS00-0AA6
	W788-xPRO						
	W788-xRR						
	W74x-1PRO						
	W786-xPRO/RR, W786-x RJ45/SFP	Power Supply PS791-2DC	24 V DC			for direct installation	6GK5 791-2DC00-0AA0
	Power Supply PS791-2AC	110 V AC to 230 V AC	6GK5 791-2AC00-0AA0				

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Industrial Wireless LAN SCALANCE W

Ordering overview · December 2011



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Answers for industry.






Industrial Wireless LAN SCALANCE W Access Points and Client Modules – product overview

	Industrial Wireless LAN according to IEEE 802.11		Industrial Wireless LAN incl. iFeatures		
	Access Points	Client Modules	Access Points	Client Modules	
For outside environments	802.11a/b/g + 802.11n	W786 RJ45 / W786 SFP 	802.11a/b/g	W786-2RR 	
For interior environments		W788 M12 		W748 M12 	W788-1RR / W788-2RR
For cabinets		W788 RJ45 		W748 RJ45 	W747-1RR
	802.11a/b/g	W784-1 		W784-1RR 	
		W744-1 / W746-1 		W747-1 	
				IWLAN / PB Link PN IO 	


Ordering overview for Industrial Wireless LAN Access Points, Controller und Clients

			Connections					
	Mounting	Product	Radio interfaces	Industrial Ethernet	Antennas	Notes	Operation	Order No.




IWLAN – Access Points IEEE 802.11n SCALANCE W780

	For use in control cabinet	SCALANCE W788-1 RJ45	1	RJ45	3x R-SMA	IP30	outside the USA	6GK5 788-1FC00-0AA0
		SCALANCE W788-2 RJ45	2		6x R-SMA		within the USA	6GK5 788-1FC00-0AB0
	For the indoor area	SCALANCE W788-1 M12	1	M12	3x N-Connect	IP65	outside the USA	6GK5 788-1GD00-0AA0
		SCALANCE W788-2 M12	2		6x N-Connect		within the USA	6GK5 788-1GD00-0AB0
	For the outdoor area	SCALANCE W786-1 RJ45	1	RJ45	3x R-SMA	IP65	outside the USA	6GK5 786-1FC00-0AA0
		SCALANCE W786-2 RJ45	2		6x R-SMA		within the USA	6GK5 786-1FC00-0AB0
		SCALANCE W786-2IA RJ45	2	6x internal	outside the USA		6GK5 786-2FC00-0AA0	
		SCALANCE W786-2 SFP	2	SFP	6x R-SMA		within the USA	6GK5 786-2FC00-0AB0
							outside the USA	6GK5 786-2HC00-0AA0
							within the USA	6GK5 786-2HC00-0AB0





IWLAN – Controller IEEE 802.11n SCALANCE WLC

		SCALANCE WLC711		RJ45		up to 16 controller-based Access Points, IP20	outside the USA, Canada and Japan	6GK5 711-0XC00-1AA0
							within the USA and Canada	6GK5 711-0XC00-1AB0
							within Japan	6GK5 711-0XC00-1AD0
		License Key WLC-700				up to 32 controller-based Access Points	in all countries	6GK5 907-15B00


IWLAN – Controller-based Access Points IEEE 802.11n SCALANCE W780C

	For use in control cabinet	SCALANCE W788C-2 RJ45	2	RJ45	6x R-SMA	IP30	depending on national approvals of IWLAN controller	6GK5 788-2FC00-1AA0
	For the indoor area	SCALANCE W788C-2 M12	2	M12	6x N-Connect	IP65		6GK5 788-2GD00-1AA0
	For the outdoor area	SCALANCE W786C-2 RJ45	2	RJ45	6x R-SMA	IP65		6GK5 786-2FC00-1AA0
		SCALANCE W786C-2IA RJ45	2		6x internal	IP65	6GK5 786-2HC00-1AA0	

IWLAN – Access Points IEEE 802.11a/b/g SCALANCE W740

	For use in control cabinet	SCALANCE W784-1	1	RJ45	2x R-SMA	IP30	outside the USA	6GK5 784-1AA30-2AA0
		SCALANCE W784-1RR	1				IP30, with ifeatures	within the USA
	For the indoor area	SCALANCE W788-1PRO	1	RJ45	4x R-SMA	IP65	outside the USA	6GK5 788-1AA60-2AA0
		SCALANCE W788-2PRO	2				within the USA	6GK5 788-1AA60-2AB0
		SCALANCE W788-1RR	1		2x R-SMA	IP65, mit iFeatures	outside the USA	6GK5 788-2AA60-2AA0
		SCALANCE W788-2RR	2				4x R-SMA	within the USA
	For the outdoor area	SCALANCE W786-1PRO	1	RJ45	2x internal	IP65	outside the USA	6GK5 786-1BA60-2AA0
					2x R-SMA		within the USA	6GK5 786-1BA60-2AB0
					2x internal		outside the USA	6GK5 786-1AA60-2AA0
				BFOC	2x R-SMA		within the USA	6GK5 786-1AA60-2AB0
					4x internal		outside the USA	6GK5 786-1BB60-2AA0
					4x R-SMA		within the USA	6GK5 786-1BB60-2AB0
	For the outdoor area	SCALANCE W786-2PRO	2	RJ45	4x internal	IP65	outside the USA	6GK5 786-2BA60-2AA0
					4x R-SMA		within the USA	6GK5 786-2BA60-2AB0
					4x internal		outside the USA	6GK5 786-2AA60-2AA0
					4x R-SMA		within the USA	6GK5 786-2AA60-2AB0
				BFOC	4x internal		outside the USA	6GK5 786-2BB60-2AA0
					4x R-SMA		within the USA	6GK5 786-2BB60-2AB0
					6x R-SMA		outside the USA	6GK5 786-2AB60-2AA0
					6x R-SMA		within the USA	6GK5 786-2AB60-2AB0
				RJ45	6x R-SMA		outside the USA	6GK5 786-3AA60-2AA0
					6x R-SMA		within the USA	6GK5 786-3AA60-2AB0
					4x internal		outside the USA	6GK5 786-3AB60-2AA0
					4x R-SMA		within the USA	6GK5 786-3AB60-2AB0
RJ45	SCALANCE W786-2RR	2	RJ45	4x internal	IP65, with ifeatures	outside the USA	6GK5 786-2BA60-6AA0	
				4x R-SMA		within the USA	6GK5 786-2BA60-6AB0	
							outside the USA	6GK5 786-2AA60-6AA0
							within the USA	6GK5 786-2AA60-6AB0



IWLAN – Controller Access Points IEEE 802.11a/b/g SCALANCE W780 HPW

		SCALANCE W786-2HPW	2	RJ45	4x internal	IP65		6GK5 786-2BA60-1CA0
					4x R-SMA		6GK5 786-2AA60-1CA0	
				BFOC	4x internal		6GK5 786-2BB60-1CA0	
					4x R-SMA		6GK5 786-2AB60-1CA0	

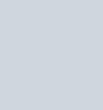
IWLAN – Client Modules IEEE 802.11n SCALANCE W740

	For use in control cabinet	SCALANCE W748-1 RJ45	1	RJ45	3x R-SMA	IP30, for eight devices	outside the USA	6GK5 748-1FC00-0AA0
							within the USA	6GK5 748-1FC00-0AB0
	For the indoor area	SCALANCE W748-1 M12	1	M12	3x N-Connect	IP65, for eight devices	outside the USA	6GK5 748-1GD00-0AA0
							within the USA	6GK5 748-1GD00-0AB0


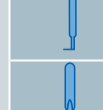
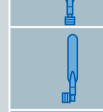
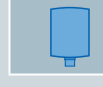
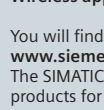
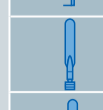
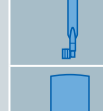
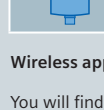
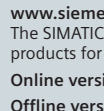
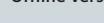
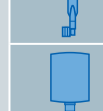
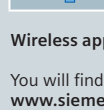
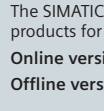

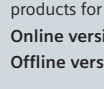
IWLAN – Client Modules IEEE 802.11a/b/g SCALANCE W740

	For use in control cabinet	SCALANCE W744-1	1	RJ45	2x R-SMA	IP30, for one device	outside the USA	6GK5 744-1AA30-2AA0	
		SCALANCE W746-1	1				IP30, for eight devices	within the USA	6GK5 744-1AA30-2AB0
		SCALANCE W747-1	1				IP65, for eight devices, with ifeatures	outside the USA	6GK5 746-1AA30-4AA0
	For the indoor area	SCALANCE W744-1PRO	1	RJ45	2x R-SMA	IP65, for one device	outside the USA	6GK5 747-1AA30-6AA0	
		SCALANCE W746-1PRO	1				within the USA	6GK5 747-1AA30-6AB0	
		SCALANCE W744-1RR	1			IP65, for eight devices	outside the USA	6GK5 744-1AA60-2AA0	
							within the USA	6GK5 744-1AA60-2AB0	
		SCALANCE W746-1RR	1			IP65, for eight devices	outside the USA	6GK5 746-1AA60-4AA0	
							within the USA	6GK5 746-1AA60-4AB0	
SCALANCE W747-1RR	1	IP65, for eight devices, with ifeatures	outside the USA	6GK5 747-1AA60-6AA0					
							within the USA	6GK5 747-1AA60-6AB0	

IWLAN – Accessories

		C-PLUG	Swap medium for simple replacement of devices in the event of a fault					6GK1 900-0AB00
		MS1 mounting set	For fixing the SCALANCE W786 products onto an S7-300 mounting rail or a 35 mm standard DIN rail					6GK5 798-8MG00-0AA0
		MS2 mounting set	For fixing the SCALANCE W784 products onto an S7-300 mounting rail or a 35 mm standard DIN rail					6GK5 798-8MJ00-0AA0
		DIN rail mounting adapter	For SCALANCE W788 M12 and SCALANCE W788 RJ45					6GK5 798-8ML00-0AB3
		Antenna Mounting Tool	Mounting tool for installation of ANT795-6MN under a roof					6GK5 795-6MN01-0AA6
		IWLAN RCoax N-Connect Stripping Tool	Stripping tool for fast stripping of RCoax cable on site					6GK1 901-1PH00

Industrial Wireless LAN-antennas – product overview

Antennas exclusively for SCALANCE W-700 according to IEEE 802.11n						Antennas for SCALANCE W-700 according to IEEE 802.11n und 802.11a/b/g		Antennas exclusively for SCALANCE W-700 acc. to IEEE 802.11a/b/g	
with 1 connection		with 2 connections (dual)		with 3 connections (MIMO)		with 1 connection		with 1 connection	
	ANT795-4MA		ANT793-6DG		ANT795-6MT		ANT792-4DN		ANT795-4MR
	ANT795-4MC		ANT793-8DJ		ANT793-6DT		ANT793-4MN		ANT795-4MS
	ANT795-4MD		ANT793-8DK				ANT792-6MN		ANT795-6DN
	ANT795-6DC						ANT793-6MN		ANT793-8DN
Wireless approvals							ANT792-8DN		
You will find current wireless approvals in the internet at: www.siemens.com/wireless-approvals							ANT795-6MN		
The SIMATIC NET Selection Tool is available to assist in selecting the right products for Industrial Wireless LAN:							RCoax radiating cables		
Online version: www.siemens.com/snst									
Offline version: www.siemens.com/snst-download									