

Ordering overview for Industrial Wireless LAN antennas and Cabling technology

	Mounting	Product	Connection	Frequency	Notes	Gain 2.4 / 5 GHz	Article No. *)
IWLAN – Antennas with omnidirectional characteristic							
	directly onto SCALANCE W	Antenna ANT795-4MA	1x R-SMA male, radial rotation possible	2.4 / 5 GHz	IP30	3 / 5 dBi	6GK5795-4MA00-0AA3
		Antenna ANT795-4MC	1x N-Connect female, straight		IP65	3 / 5 dBi	6GK5795-4MC00-0AA3
		Antenna ANT795-4MD	1x N-Connect female, fixed 90° angle		IP69K	2 / 2 dBi	6GK5795-4MD00-0AA3
		Antenna ANT795-4MX	1x N-Connect female, straight				6GK5795-4MX00-0AA0
	Wall or mast mounting	Antenna ANT792-6MN	1x N-Connect female	2.4 GHz	IP65	6 dBi	6GK5792-6MN00-0AA6
		Antenna ANT793-6MN		5 GHz		5 dBi	6GK5793-6MN00-0AA6
	Roof or mast mounting	Antenna ANT795-6MN		2.4 / 5 GHz		6 / 8 dBi	6GK5795-6MN10-0AA6
		Antenna Mounting Tool (ANT795-6MN)					6GK5795-6MN01-0AA6
		Antenna ANT795-6MT	3x QMA female	2.4 / 5 GHz	IP65	5 / 7 dBi	6GK5795-6MT00-0AA0
IWLAN – Sector antennas							
	Wall or mast mounting	Antenna ANT795-6DC	1x N-Connect female	2.4 / 5 GHz	IP67	9 / 9 dBi	6GK5795-6DC00-0AA0
		Antenna ANT793-6DG	2x N-Connect female	5 GHz		9 dBi	6GK5793-6DG00-0AA0
		Antenna ANT793-6DT	3x QMA female			8 dBi	6GK5793-6DT00-0AA0
IWLAN – Directional antennas							
	Wall or mast mounting	Antenna ANT792-8DN	1x N-Connect female	2.4 GHz	IP23	14 dBi	6GK5792-8DN00-0AA6
		Antenna ANT793-8DJ	2x N-Connect female	5 GHz	IP67	18 dBi	6GK5793-8DJ00-0AA0
		Antenna ANT793-8DK	2x N-Connect female		IP67	23 dBi	6GK5793-8DK00-0AA0
		Antenna ANT793-8DP	1x N-Connect female	4.9 ... 5.35 GHz	IP67	13.5 dBi	6GK5793-8DP00-0AA0
Antennas for use with IWLAN RCoax systems							
	vertically upon RCoax cable	Antenna ANT792-4DN	1x N-Connect female	2.4 GHz	IP65	4 dBi	6GK5792-4DN00-0AA6
		Antenna ANT793-4MN		5 GHz		6 dBi	6GK5793-4MN00-0AA6
IWLAN – RCoax systems							
		IWLAN RCoax Cable		2.4 GHz	IP65	1 m	6XV1875-2A
				5 GHz			6XV1875-2D
	IWLAN RCoax N-Connect Stripping Tool				1 item	6GK1901-1PH00	
	IWLAN RCoax N-Connect Female On-Site-Assembly				1 item	6GK5798-0CN00-0AA0	
	IWLAN RCoax Cable Clip 1/2"				10 items	6GK5798-8MB00-0AC1	
	IWLAN RCoax Cable Clip 1/2"				100 items	6GK5798-8MB00-0AM1	
	IWLAN RCoax Threaded Washer M 6 for Cable Clip 1/2"				10 items	6GK5798-8MC00-0AC1	
	IWLAN RCoax Threaded Washer M 6 for Cable Clip 1/2"				100 items	6GK5798-8MC00-0AM1	
	IWLAN RCoax Spacer 85mm				10 items	6GK5798-8MD00-0AC1	
	IWLAN RCoax Spacer 85mm				100 items	6GK5798-8MD00-0AM1	
IWLAN – Cabling technology							
		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
		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
		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
		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
		R-SMA/SMA Male/Male Flexible Connection Cable	0 ... 6 GHz	IP68	0.3 m		6XV1875-5DE30
					2 m		6XV1875-5DH20
		QMA/N-Connect Male/Female Flexible Connection Cable	0 ... 6 GHz	IP68	3x 1 m		6XV1875-5JH10
		QMA/N-Connect Male/Female Flexible Connection Cable railway applications	0 ... 6 GHz	IP67	1 m		6XV1875-5VH10
		N-Connect Male Termination Impedance TI795-1N	0 ... 6 GHz	IP65	1 item		6GK5795-1TN00-1AA0
		IWLAN Termination Impedance TI975-1R	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	IP67	1 item		6GK5798-0SN00-0EA0
		N-Connect Male/Male Coupler	0 ... 6 GHz	IP68	1 item		6GK5798-0CP00-1AA0
		N-Connect Male/Female Attenuator 10dB	0 ... 6 GHz	IP67	1 item		6GK5798-0AP00-4CA0
		N-Connect / N-Connect Female/Female cabinet bushing	0 ... 11 GHz	IP68	1 item		6GK5798-2PP00-2AA6
		RCoax N-Connect SMA Female/Female cabinet bushing	0 ... 6 GHz	IP67	1 item		6GK5798-0PT00-2AA0
		RSMA/RSMA angular adapter	0 ... 6 GHz	IP67	1 item		6GK5798-1CS00-4AA0

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Ordering
overview

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SIMATIC NET

Industrial Wireless LAN
SCALANCE W

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











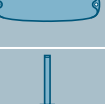






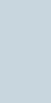
	Client Modules		Access Points			
	SCALANCE					
	W720	W730	W740	W760	W770	W780
For outdoor use						
For indoor use						
For use in control cabinet						
Industrial Wireless LAN Controller	SCALANCE WLC711					

JK10-XX_30311

* also configurable as a client module

6ES7 00-0XX 30011

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Ordering overview for Industrial Wireless LAN Access Points, Controller and Clients										
			Connections							
	Mounting	Product	Radio interfaces	Industrial Ethernet	Antennas	Notes	Operation	Article No. *)		
IWLAN – Controller IEEE 802.11n SCALANCE WLC										
 		SCALANCE WLC711		2x RJ45		pre-licensed for 16 controller-based access points, expandable to max. 48, IP20	outside the USA, Canada and Japan	6GK5711-0XC00-1AA0		
				within the USA and Canada		6GK5711-0XC00-1AB0				
				within Japan		6GK5711-0XC00-1AD0				
			License Key WLC-700				WLC711 capacity upgrade for additional 16 controller-based access points	in all countries	6GK5907-1SB00	
IWLAN – Controller-based Access Points IEEE 802.11n SCALANCE W780C										
	For use in control cabinet	SCALANCE W788C-2 RJ45	2	1x RJ45	6x R-SMA	IP30	depending on national approvals of IWLAN controller	6GK5788-2FC00-1AA0		
	For the indoor area	SCALANCE W788C-2 M12	2	1x M12	6x N-Connect	IP65		6GK5788-2GD00-1AA0		
	For enhanced environmental conditions	SCALANCE W788C-2 M12 EEC	2	1x M12	6x N-Connect	IP65		6GK5788-2GD00-1TA0		
	For the outdoor area	SCALANCE W786C-2 RJ45	2	1x RJ45	6x R-SMA	IP65		6GK5786-2FC00-1AA0		
		SCALANCE W786C-2IA RJ45	2		6x internal	IP65		6GK5786-2HC00-1AA0		
		SCALANCE W786C-2 SFP	2	2x SFP	6x R-SMA	IP65		6GK5786-2FE00-1AA0		
IWLAN – Access Points IEEE 802.11n SCALANCE W780										
	For use in control cabinet	SCALANCE W788-1 RJ45	1	1x RJ45	3x R-SMA	IP30	outside the USA	6GK5788-1FC00-0AA0		
					within the USA		6GK5788-1FC00-0AB0			
		SCALANCE W788-2 RJ45	2		6x R-SMA		outside the USA	6GK5788-2FC00-0AA0		
						within the USA	6GK5788-2FC00-0AB0			
	For the indoor area	SCALANCE W788-1 M12	1	1x M12	3x N-Connect	IP65	outside the USA	6GK5788-1GD00-0AA0		
					within the USA		6GK5788-1GD00-0AB0			
			SCALANCE W788-2 M12	2		6x N-Connect		outside the USA	6GK5788-2GD00-0AA0	
							within the USA	6GK5788-2GD00-0AB0		
	For enhanced environmental conditions	SCALANCE W788-2 M12 EEC	2	1x M12	6x N-Connect	IP65	outside the USA	6GK5788-2GD00-0TA0		
							within the USA	6GK5788-2GD00-0TB0		
	For the outdoor area	SCALANCE W786-1 RJ45	1	1x RJ45	3x R-SMA	IP65	outside the USA	6GK5786-1FC00-0AA0		
					within the USA		6GK5786-1FC00-0AB0			
		SCALANCE W786-2 RJ45	2		6x R-SMA		outside the USA	6GK5786-2FC00-0AA0		
					within the USA		6GK5786-2FC00-0AB0			
		SCALANCE W786-2IA RJ45	2	6x internal	outside the USA		6GK5786-2HC00-0AA0			
					within the USA		6GK5786-2HC00-0AB0			
		SCALANCE W786-2 SFP	2	2x SFP	6x R-SMA		outside the USA	6GK5786-2FE00-0AA0		
							within the USA	6GK5786-2FE00-0AB0		
IWLAN – Access Points IEEE 802.11n SCALANCE W770										
	For use in control cabinet	SCALANCE W774-1 RJ45	1	2x RJ45	2x 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	2x M12	2x R-SMA	IP30	außerhalb USA	6GK5774-1FY00-0TA0		
							in USA	6GK5774-1FY00-0TB0		
IWLAN – Access Points IEEE 802.11n SCALANCE W760										
	For use in control cabinet	SCALANCE W761-1 RJ45	1	1x RJ45	1x R-SMA	IP20	outside the USA	6GK5761-1FC00-0AA0		
							within the USA	6GK5761-1FC00-0AB0		
IWLAN – Client Modules IEEE 802.11n SCALANCE W740										
	For use in control cabinet	SCALANCE W748-1 RJ45	1	1x RJ45	3x R-SMA	IP30	outside the USA	6GK5748-1FC00-0AA0		
							within the USA	6GK5748-1FC00-0AB0		
	For the indoor area	SCALANCE W748-1 M12	1	1x M12	3x N-Connect	IP65	outside the USA	6GK5748-1GD00-0AA0		
							within the USA	6GK5 748-1GD00-0AB0		
IWLAN – Client Modules IEEE 802.11n SCALANCE W730										
	For use in control cabinet	SCALANCE W734-1 RJ45	1	2x RJ45	2x R-SMA	IP30	outside the USA	6GK5 734-1FX00-0AA0		
							within the USA	6GK5 734-1FX00-0AB0		
IWLAN – Client Modules IEEE 802.11n SCALANCE W720										
	For use in control cabinet	W722-1 RJ45	1	1x RJ45	1x R-SMA	IP20, iFeatures	outside the USA	6GK5722-1FC00-0AA0		
							within the USA	6GK5722-1FC00-0AB0		
		W721-1 RJ45	1	1x RJ45	1x R-SMA	IP20	outside the USA	6GK5 721-1FC00-0AA0		
							within the USA	6GK5721-1FC00-0AB0		
IWLAN – PLUGs										
		C-PLUG	Swap medium for simple replacement of devices in the event of a fault					6GK1900-0AB00		
		KEY-PLUG W780 iFeatures	Swap medium for upgrading with additional functions (iFeatures) in access point mode					6GK5907-8PA00		
		KEY-PLUG W740 iFeatures	Swap medium for upgrading with additional functions (iFeatures) in client mode					6GK5907-4PA00		
		KEY-PLUG W700 Security	Swap medium for upgrading with additional functions (Security) in access point mode					6GK5907-0PA00		
IWLAN – Accessories										
		MS1 mounting set	For fixing the SCALANCE W786 products onto an 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		
		Power M12 Plug PRO	3x M12 plug for the connection of a power supply to W700 M12 devices					6GK1907-0DB10-6AA3		
IWLAN – Power supplies										
	For SCALANCE W786	PS791-2DC	24 V DC for direct installation					6GK5791-2DC00-0AA0		
		PS791-2AC	110 V AC ... 230 V AC for direct installation					6GK5791-2AC00-0AA0		

Type of antenna	Frequency range (GHz)	Antennas		SCALANCE W780/W740	SCALANCE W770/W730	SCALANCE W760/W720	Type of antenna	Frequency range (GHz)	Antennas		SCALANCE W780/W740	SCALANCE W770/W730	SCALANCE W760/W720
omnidirectional	2.4		ANT792-6MN	●	●	●	directional	2.4		ANT792-8DN	●		
	2.4 and 5		ANT795-4MA	●	●	●		5		ANT793-8DP	●		
			ANT795-4MC	●						ANT793-8DJ	●		
			ANT795-4MD	●						ANT793-8DK	●		
			ANT795-4MX	●									
			ANT795-6MN	●	●	●							
			ANT795-6MT	●									
Sector	5		ANT793-6MN	●	●	●	RCoax	2.4		ANT792-4DN	●	●	●
	2.4 and 5		ANT795-6DC	●	●			5		RCoax radiating cables 5 GHz	●	●	●
	5		ANT793-6DG	●	●					ANT793-4MN	●	●	●
			ANT793-6DT	●									