

Overview of KATHREIN WiMAX Antenna activities

	Type	Feature	Data sheet (*.pdf)	Expected availability	Notes
Outdoor	800 10438	XPol 2200 - 2690 MHz / 65° / 18 dBi / 2° DT	datasheet_80010438	4Q/2007	Samples should be available approximately 2 quarters before
	800 10457	VPol 3300 - 3800 MHz / 65° / 17.5 dBi / 0° DT	datasheet_80010457	3Q/2007	Samples should be available approximately 1 quarter before
	800 10390	XPol 3300 - 3800 MHz / 65° / 17.5 dBi / 0° DT	datasheet_80010390	2Q/2007	Samples should be available approximately 1 quarter before
	800 10436	XPol 3300 - 3800 MHz / 88° / 16.5 dBi / 0° DT	datasheet_80010436	4Q/2007	Samples should be available approximately 1 quarter before
	800 10442	VPol 2500 - 2700 MHz / 360° / 11 dBi / 0° DT	datasheet_80010442	in serial production	
	800 10xxx	VPol 3400 - 3800 MHz / 360° / 11 dBi / 0° DT	not available yet	on request	
	2.2 WLL 16-65	VPol 2000 - 2300 MHz / 65° / 16.5 dBi / 0° DT	22WLL16-65	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 W-LAN 03-360/N	VPol 2400 - 2485 MHz / 360° / 3 dBi / 0° DT	24W-LAN03-360/N	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 W-LAN 08-360/N	VPol 2400 - 2485 MHz / 360° / 8 dBi / 0° DT	24W-LAN08-360/N	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 W-LAN 10-90	VPol 2400 - 2485 MHz / 90° / 10.5 dBi / 0° DT	24W-LAN10-90	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 WLL 14-180	VPol 2300 - 2500 MHz / 180° / 14 dBi / 0° DT	24WLL14-180	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 WLL 15-120	VPol 2300 - 2500 MHz / 120° / 15.5 dBi / 0° DT	24WLL15-120	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 WLL 16-90	VPol 2300 - 2500 MHz / 90° / 15.5 dBi / 0° DT	24WLL16-90	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 WLL 17-60	VPol 2300 - 2700 MHz / 60° / 17 dBi / 0° DT	24WLL17-60	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.4 WLL 17-90	VPol 2300 - 2500 MHz / 90° / 17 dBi / 0° DT	24WLL17-90	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	2.5 WLL 14-120	VPol 2400 - 2700 MHz / 120° / 14.5 dBi / 0° DT	25WLL14-120	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	3.5 WLL 14-120	VPol 3400 - 3800 MHz / 120° / 14.5 dBi / 0° DT	35WLL14-120	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	3.5 WLL 16-90	VPol 3400 - 3800 MHz / 90° / 15.5 dBi / 0° DT	35WLL16-90	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	3.5 WLL 17-60	VPol 3400 - 3800 MHz / 60° / 17 dBi / 0° DT	35WLL17-60	in serial production	KATHREIN SIRA Type (please refer to www.sira.mi.it)
	Indoor	741 573	VPol 1710 - 2500 MHz / 360° / 2 dBi	datasheet_741573	in serial production
800 10137		VPol 876 - 960 & 1710 - 2500 MHz / 360° / 2 dBi	datasheet_80010137	in serial production	ceiling mounted, different sharpe
800 10173		VPol 876 - 960 & 1710 - 2500 MHz / 360° / 2 dBi	datasheet_80010173	in serial production	ceiling mounted, different sharpe
800 10248		VPol 806 - 960 & 1710 - 2500 MHz / 90° / 7 dBi	datasheet_80010248_new	in serial production	wall mounted
800 10249		VPol 806 - 960 & 1425 - 3800 & 5150 - 6000 MHz / 360° / 2 dBi	datasheet_80010249	in serial production	ceiling mounted
800 10430		VPol 1710 - 6000 MHz / 360° / 2 dBi	not available yet	4Q/2007	data sheet will be available soon
800 10431		VPol 1710 - 2700 MHz / 360° / 2 dBi	datasheet_80010431	in serial production	new frequency, improved version of 738 454
800 10433		VPol 3300 - 3800 MHz / 90° / 7 dBi	not available yet	3Q/2007	wall mounted, data sheet will be available soon
800 10465		VVPol 806 - 960 & 1710 - 2700 MHz / 90° / 7 dBi	datasheet_80010465	2Q/2007	wall mounted, replacement of 800 10248 with up to 2.7 GHz
Train	870 10003	Train Antenna 806 - 2700 MHz / 0 dB / 100 W	datasheet_87010003	in serial production	with GPS
	870 10007	Train Antenna 806 - 2700 MHz / 0 dB / 100 W	datasheet_87010007	in serial production	without GPS
	(860 10069	Low Noise Amplifier GPS / 25 +- 2 dB	datasheet_86010069	in serial production	suitable for antenna 870 10003)
Smart-Antennas	800 10376	4-XPol F-Panel/ 2,3-2,7 GHz / 95° / 17 dBi / 0° DT	datasheet_80010376_4XPol	on request	<i>This part of our portfolio represents what is theoretically possible for any future nomadic standard.</i>
	800 10377	4-XPol F-Panel/ 3,3-3,8 GHz / 95° / 17 dBi / 0° DT	datasheet_80010377_4XPol	on request	<i>These antennas are NOT actually in development, nor is it planned to initiate development at this point in time.</i>
	800 10382	4-VPol F-Panel/ 2,3-2,7 GHz / 95° / 17 dBi / 0° DT	datasheet_80010382_4VPol	on request	<i>KATHREIN welcomes every new specifications and/or requirement in order to further R&D in this field.</i>
	800 10383	4-VPol F-Panel/ 3,3-3,8 GHz / 95° / 17 dBi / 0° DT	datasheet_80010383_4vPol	on request	