

# CERIO Outdoor Antenna / Accessory Solution

Product Type	2.4Ghz Omnidirectional	6Ghz ~7.2Ghz Omnidirectional	5Ghz Directional Panel					5Ghz~6.5Ghz / 6Ghz ~7.2Ghz Directional Panel			Special Bracket	RF Low Loss Cable	Lightning Protector
Model Name	ANT-0507N-S (2459)	ANT-08B-S (5972)	ANT-10FD (2425)	ANT-10AD (5159)	ANT-15AD (5159)	ANT-18AD (5159)	ANT-15AQ (5159)	ANT-24AD (5165)	ANT-23BD (5972)	ANT-23BQ (5972)	OW-PKUR	LLMR-NNP-1M / LLMR-NNP-2M	LP-300
Products Picture													
Wireless technology	1x1 Dipole	1x1 Dipole	2x2 Dual Polarization	2x2 Dual Polarization	2x2 Dual Polarization	2x2 Dual Polarization	4x4 Dual Polarization	2x2 Dual Polarization	2x2 Dual Polarization	4x4 Dual Polarization	N/A	1x1	1x1
Waterproof	IP67	IP67	IP68	IP68	IP68	IP68	IP68	IP67	IP67	IP67	N/A	N/A	N/A
Frequency Range	2.4Ghz ~ 2.45Ghz / 5.1Ghz ~ 5.9Ghz	5.9Ghz ~ 7.2Ghz	2.4Ghz ~ 2.45Ghz	5.1Ghz ~ 5.9Ghz	5.1Ghz ~ 5.9Ghz	5.1Ghz ~ 5.9Ghz	5.1Ghz ~ 5.9Ghz	5.1Ghz ~ 6.5Ghz	5.9Ghz ~ 7.2Ghz	5.9Ghz ~ 7.2Ghz	N/A	2.4Ghz / 5Ghz / 6Ghz	2.4Ghz / 5Ghz / 6Ghz
Type	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Model Type	Direct lock-in installation	Direct lock-in installation	Panel adjustable fixed	Panel adjustable fixed	Panel adjustable fixed	Panel adjustable fixed	Panel adjustable fixed	Panel adjustable fixed	Panel adjustable fixed	Panel adjustable fixed	N/A	Be fixed	Be fixed
Gain (dBi)	5 dBi / 7 dBi	8 dBi	10 dBi	10 dBi	15 dBi	18dBi	15dBi	24dBi	23dBi	23dBi	N/A	N/A	N/A
Beam Width	Horz.	360°	360°	120°	35°	35°	18°	35°	12°	10°	18°	N/A	N/A
	Vert.	20°	20°	60°	30°	65°	14°	65°	12°	10°	10°	N/A	N/A
Connector	N-Type Male/Plug x1	N-Type Male/Plug x1	N-Type Female/Jack x2	N-Type Female/Jack x2	N-Type Female/Jack x2	N-Type Female/Jack x2	N-Type Female/Jack x4	N-Type Female/Jack x2	N-Type Female/Jack x2	N-Type Female/Jack x4	N/A	N-Type Male/Plug to Male/Plug	N-Type Female to Male
Form Factor	Plug	Plug	Wall / Pole Mounting	Wall / Pole Mounting	Wall / Pole Mounting	Wall / Pole Mounting	Wall / Pole Mounting	Wall / Pole Mounting	Wall / Pole Mounting	Wall / Pole Mounting	Wall / Pole Mounting	N/A	N/A
Adjustable range	N/A	N/A	Up 0~40° / Down 0~40° adjustable	Up 0~40° / Down 0~40° adjustable	Up 0~40° / Down 0~40° adjustable	Up 0~40° / Down 0~40° adjustable	Up 0~40° / Down 0~40° adjustable	Up 0~15° / Down 0~45° adjustable	Up 0~15° / Down 0~45° adjustable	Up 0~15° / Down 0~45° adjustable	Up 0~45° / Down 0~45° adjustable	N/A	N/A
	N/A	N/A	OW-PKUR	OW-PKUR	OW-PKUR	OW-PKUR	OW-PKUR	OW-PKUR	OW-PKUR	OW-PKUR	N/A	N/A	N/A
Product Dimension	L18.8cm	L18.8cm	L24.1cm	L24.1cm	L24.1cm	L24.1cm	L24.1cm	L33.5cm	L33.5cm	L33.5cm	L8.1cm	Length 100cm / 200cm	Length 6.8cm
	W2.3cm diameter Ø 2.0cm	W2.3cm diameter Ø 2.0cm	W20.1cm H3.22cm	W20.1cm H3.22cm	W20.1cm H3.22cm	W20.1cm H3.22cm	W20.1cm H3.22cm	W33.5cm H2.5cm	W33.5cm H2.5cm	W33.5cm H2.5cm	W8.5cm H7.8cm	Cable Diameter Ø 0.5cm Connector Diameter Ø 2cm	Width 3 cm Connector Diameter Ø 2.29cm
Weight	63.5g	65g	Main unit : 731g With Bracket : 1.02kg	Main unit : 720g With Bracket : 1.01kg	Main unit : 727g With Bracket : 1.02kg	Main unit : 812g With Bracket : 1.01kg	Main unit : 797g With Bracket : 1.08kg	Main unit : 1.25g With Bracket : 1.54kg	Main unit : 1.25g With Bracket : 1.54kg	Main unit : 1.34g With Bracket : 1.63kg	271g	LLMR-NNP-1M : 98.6g LLMR-NNP-2M : 137g	122g
Application	2.4Ghz or 5Ghz AP Station /AP Client Suitable for MESH applications	6Ghz AP Station /AP Client Suitable for MESH applications	2.4Ghz Wide Range angle : P to P · P to Multi P AP Station /AP Client	5Ghz P to P Mesh backbone link application	5Ghz Wide Range angle : P to P · P to Multi P AP Station /AP Client	5Ghz P to P Mesh backbone link application	5Ghz Wide Range angle : P to P · P to Multi P Mesh backbone link application	5Ghz~6.5Ghz long distance P to P Mesh backbone link application	6Ghz~7.2Ghz long distance P to P Mesh backbone link application	6Ghz~7.2Ghz long distance P to P Mesh backbone link application	Standard accessories for the Cerio ANT- Directional Panel Series items	2.4Ghz/5Ghz/6Ghz for the Cerio ANT- Directional Panel Series items	2.4Ghz/5Ghz/6Ghz for the Cerio ANT- Series All items
Compatible with CERIO devices	<b>OW-450 Series (All Model)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> Suitable for 2.4G external 2N connectors <b>OW-450 (4N00)</b> <b>OW-500 Series (All Series)</b> <b>OW-600 (6N00)</b> Suitable for 5G external 2N connectors	<b>OW-600 (6N00)</b> Suitable for 6G external 2N connectors <b>OW-650 (6N00)</b> Applicable to 6G external 2N connectors and external 4N connectors	<b>OW-450 Series (All Model)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> Suitable for 2.4G external 2N connectors	<b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> Suitable for 5G external 2N connectors	<b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> Suitable for 5G external 2N connectors	<b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> Suitable for 5G external 2N connectors	<b>OW-500 (6N00-MESH)</b> Suitable for 5G external 4N connectors (for both short and long-range mesh applications) <b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> Suitable for 5G external 2N connectors	<b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> Suitable for 6G external 2N connectors <b>OW-600 (6N00)</b> <b>OW-650 (6N00)</b> Suitable for 6G external 2N connectors	<b>OW-600 (6N00)</b> <b>OW-650 (6N00)</b> Suitable for 6G external 2N connectors	<b>OW-600 (6N00)</b> <b>OW-650 (6N00)</b> Suitable for 6G external 2N connectors	<b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> <b>OW-650 (6N00)</b> <b>CerioANT- Directional Panel Series</b> Specialized bracket for use.	<b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> <b>OW-650 (6N00)</b> Used to connect 2.4G/5G/6G's external N-type connectors and to the ANT- panel directional antennas	<b>OW-450 (4N00)</b> <b>OW-500 Series (All Model)</b> <b>OW-600 (6N00)</b> <b>OW-650 (6N00)</b> Used to connect 2.4G/5G/6G's external N-type connectors and to the ANT- panel directional antennas and RF Low Loss Cable
Model Name	ANT-0507N-S (2459)	ANT-08B-S (5972)	ANT-10FD (2425)	ANT-10AD (5159)	ANT-15AD (5159)	ANT-18AD (5159)	ANT-15AQ (5159)	ANT-24AD (5165)	ANT-23BD (5972)	ANT-23BQ (5972)	OW-PKUR	LLMR-NNP-1M / LLMR-NNP-2M	LP-300