
















Antenna Comparison

2.4GHz, Indoor





Model	Image	Type	Gain	Pattern (half power point)	Size	Polarisation	Connector	Application
ANT002OMC		Dipole, 'flagella form'	2dB	H-plane 360°	3.5cm	vertical	MMCX plug	PCMCIA Card
ANT005ORD		Dipole, 'flagella form'	5dB	H-plane 360° E-plane 35°	19cm	vertical	ReSMA Plug	PCI card, AP
ANT009OTC		Dipole, 'flagella form'	9dB	H-plane 360° E-plane 25°	33cm	vertical	ReTNC plug	PCI card, AP
ANT009OSC		Dipole, 'flagella form'	9dB	H-plane 360° E-plane 25°	33cm	vertical	ReSMA plug	PCI card, AP



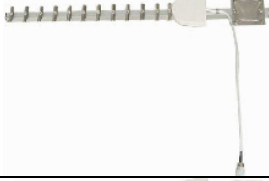


Model	Image	Type	Gain	Pattern (half power point)	Size	Polarisation	Connector	Application
ANT105OS		Dipole + base	5dB	H-plane 360° E-plane 35°	21cm + 50cm lead	vertical	ReSMA Plug	PCI card, AP
ANT008OSC		Dipole + base	7.8d B	H-plane 360° E-plane 30°	36cm + 150cm lead	vertical	ReSMA Plug	PCI card, AP
ANT245-05MC		Dipole + fixing kit for notebook	5dB	H-plane 360° E-plane 35°	19cm + 47cm fixing kit	vertical	MC, Lucent	Notebook




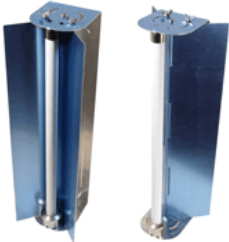
Model	Image	Type	Gain	Pattern (half power point)	Size	Polarisation	Connector	Application
ANT245-05MX		Dipole + fixing kit for notebook	5dB	H-plane 360° E-plane 35°	19cm + 47cm fixing kit	vertical	MMCX	Notebook
ANT245-05IX		Dipole + fixing kit for notebook	5dB	H-plane 360° E-plane 35°	19cm + 47cm fixing kit	vertical	IPAX, U.FI	Notebook
ANT007PS		Panel + base/mounting	7dB	H-plane 70° E-plane 40°	10x7.5x2.2 cm + 100cm lead	vertical	ReSMA Plug	PCI card, AP
ANT010PS		Panel + wall mount	10dB	H-plane 60° E-plane 60°	12x12x2.5cm	vertical or horizontal	SMA Plug	PCI card, AP

Model	Image	Type	Gain	Pattern (half power point)	Size	Polarisation	Connector	Application
ANT005PATCH		Patch + window tape	5dB		14 x 2.50 x 0.50cm	vertical	SMA Plug	PCI card, AP
ANT5CN		Ceiling directional	5dB		18.4cm diameter 10.5cm height	vertical	N Socket	AP, bridge
ANT-012CN		Corner, sector + fixing kit	12dB	H-plane 70° E-plane 55°	5x10x12.5cm + 30cm lead	vertical	N Socket	AP, bridge
ANT-015CN		Corner, sector + fixing kit	15dB	H-plane 60° E-plane 55°	5x10x21.5 cm + 30cm lead	vertical	N Socket	AP, bridge





2.4GHz, Outdoor


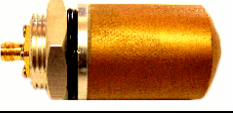



Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT007TRU CK		Omni + mirror fixing kit + short lead	7dB	H-plane 360° E-plane 30°	67 cm + short lead	For trucks, RV's, caravans/boats etc... Includes mount for wing mirror or similar.	vertical	N socket	Trucks, caravans etc..
ANT-008ON		Omni + wall/pole fixing	8dB	H-plane 360° E-plane 30°	39 cm	Medium gain, good beam thickness omni	vertical	N socket	Bridge, remote link, mesh
ANT-015ON		Omni + pole mount	15dB	H-plane 360° E-plane 8°	100 cm	High gain for extended range, up to 8Km	vertical	N socket	Bridge, remote link, mesh
ANT-H09ON		Omni + pole mount	9dB	H-plane 360° E-plane 10°	90 cm	horizontal polarization so good for applications where you need to reduce interference from other users. Also better across flat surfaces like water.	horizontal	N socket	Bridge, remote link



Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT-012HON		Omni + pole mount	12dB	H-plane 360° E-plane 7°	80 x 10 x 5 cm	slotted design horizontal polarization so good for applications where you need to reduce interference from other users. Also better across flat surfaces like water.	horizontal	N socket	Bridge, remote link
ANT007YN		Yagi, directional + pole mount	7dB	H-plane 30° E-plane 30°	30cm	compact design, good for distances up to 1Km	vertical (or horizontal with 90° pole)	N socket	Bridge, remote link
ANT14YN		Yagi, directional + pole mount	14dB	30°	62cm + short lead	popular directional, good for distances up to 5Km	vertical (or horizontal with 90° pole)	N socket	Bridge, remote link
ANT15YN		Yagi, directional + pole mount	15dB	28°	70cm + short lead	popular directional, good for distances over 5Km	vertical (or horizontal with 90° pole)	N socket	Bridge, remote link
ANT020YN		Yagi, directional + pole mount	20dB	H-plane 22° E-plane 21°	7.6 diameter x 85cm + short lead	for very long range; up to 30Km	vertical (or horizontal with 90° pole)	N socket	Bridge, remote link

Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT-116SN		120° Sector, stacked dipole + pole mount	16dB	H-plane 120° E-plane 10°	7.5x16 x 6.5 cm	excellent for tri-antenna array installations	vertical	N socket	Bridge, remote link, mesh
ANT-012CN		70° Corner, sector + fixing kit	12dB	H-plane 70° E-plane 55°	5x10x12.5cm + 30cm lead	ideal for court yards	vertical	N Socket	AP, bridge
ANT-015CN		60° Corner, sector + fixing kit	15dB	H-plane 60° E-plane 55°	5x10x21.5 cm + 30cm lead	ideal for court yards	vertical	N Socket	AP, bridge
ANT-018ASN		40-210° Adjustable gain/angle sector antenna + pole fixing kit	12-18dB	H-plane 40 to 210° E-plane 30°	47 x 14 x 14 cm	excellent, single solution for precise area coverage	vertical	N socket	Bridge, remote link, mesh


Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT-013HSN		90° Slotted Sector (needs mounting kit)	13dB	H-plane 90° E-plane .18°	80 x 10 x 5 cm	slotted design horizontal polarization so good for applications where you need to reduce interference. Also better across flat surfaces like water.	horizontal	N socket	Bridge, remote link
ANT008PN		Small panel directional + wall flush mount	8dB	H-plane 70° E-plane .30°	11×9×3 cm	very popular, compact design, good for distances up to 1Km	vertical	N socket	Bridge, remote link
ANT010PN		Small panel directional + wall flush mount	10dB	H-plane 70° E-plane.30°	11×9×3 cm	very popular, compact design, good for distances up to 2Km	vertical	N socket	Bridge, remote link
ANT0012PN		Panel directional + adjustable pole mount	12dB	H-plane 65° E-plane .34°	8×8×7 cm	very popular, compact design, good for distances up to 5Km	vertical or horizontal	N socket	Bridge, remote link
ANT-814PN		Square Panel directional + adjustable pole mount	14dB	H-plane 20° E-plane.20°	20x20 cm	slim design for distances over 5Km	vertical or horizontal	N socket	Bridge, remote link

Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT016PN		Panel directional + wall flush mount	16dB	H-plane 70° E-plane .30°	45×13.5×2.5 cm	reasonably wide beam so good for mesh applications	vertical	N socket	Bridge, remote link, mesh
ANT118PN		Panel directional + adjustable pole mount	18dB	H-plane 75° E-plane .35°	26x26x3cm	good for long distances, over 12Km	vertical	N socket	Bridge, remote link
ANT-819PN		Square Panel directional + adjustable pole mount	19dB	H-plane 10° E-plane.10°	40x40 cm	slim design for distances over 20Km	vertical or horizontal	N socket	Bridge, remote link
ODUDIY12		Integrated directional panel antenna + IP67 outdoor housing	12dB	H-plane 50° E-plane 30°	20 x 20 x 6 cm	Allows you to build your own outdoor bridging unit. Ideal with the WAP-454GP or Senao 2611CB3+ or NCB-3220 AP/Bridge units.	vertical	ReSMA plug	Bridge, remote link




Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ODUDIY18		Integrated directional panel antenna + IP67 outdoor housing	18dB	H-plane 35° E-plane 18°	42 x 36 x 6 cm	Allows you to build your own outdoor bridging unit. Ideal with the WAP-454GP or Senao 2611CB3+ or NCB-3220 AP/Bridge units.	vertical	ReSMA plug	Bridge, remote link
ANT02SCN		Omni antenna designed for vehicle roof	2dB	H-plane 360°	3x4.5cm – 22mm mounting hole	Small roof antenna for motor vehicles or outdoor units (e.g. bus shelters!)	vertical	ReSMA plug	Bridge, remote link
ANT-012WG		Waveguide directional + pole mount	12dB	H-plane 30° E-plane 30°	15 x 10 cm	Directional antenna for up to 12Km	vertical	N socket	Bridge, remote link
ANT21GN		Grid directional + adjustable pole mount	21dB	H-plane 13° E-plane 13°	68cm diameter	Highly directional antenna for long links (up to 30 Km). Aluminium construction	vertical or horizontal	N socket	Bridge, remote link
ANT-822GD		Grid directional + adjustable pole mount	22dB	H-plane 10°	74 x 51 cm	Highly directional antenna for long links (up to 30 Km). Steel, powder coated construction	vertical	N socket	Bridge, remote link





Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT-824GD	 A photograph of a grid directional antenna with a curved metal mesh and a central feed horn, mounted on a pole against a clear blue sky.	Grid directional + adjustable pole mount	24dB	H-plane 9°	78 x 68 cm	Highly directional antenna for long links (up to 30 Km). Steel, powder coated construction	vertical	N socket	Bridge, remote link
ANT-826GD	 A photograph of a grid directional antenna with a curved metal mesh and a central feed horn, mounted on a pole against a blue sky with light clouds.	Grid directional + adjustable pole mount	26dB	H-plane 7°	98 x 63 cm	Highly directional antenna for long links (over 30 Km). Steel, powder coated construction	vertical	N socket	Bridge, remote link






5GHz, Indoor



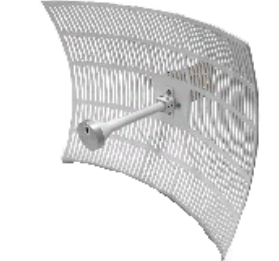

Model	Image	Type	Gain/Band	Pattern (half power point)	Size	Polarisation	Connector	Application
ANT58-05ORD		Dipole, 'flagella form'	2.4GHz, 1.5dB 4900 MHz -5875 MHz (Band A,B,C) 4.5 dB	H-plane 360°	10cm	vertical	MMCX plug	PCMCIA Card

5GHz, Outdoor

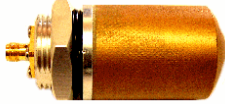
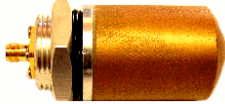
Model	Image	Type	Gain Band	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT58-012PN		Panel, directional + adjustable pole mount	12dB, Band A,B,C	H-Plane 50° E-Plane 29°	17 x 14 x 3 cm	Wide band, low gain, short range panel	vertical or horizontal	N socket	Bridge, remote link
ANT5812SN		90° Sector, Panel + adjustable pole mount	12dB, Band C	H-Plane 90° E-Plane 16°	21 x 18 x 4.4 cm	Sector antenna for wide angle, high gain coverage	vertical or horizontal	N socket	Bridge, remote link, mesh
ANT5815SN		90° Sector, Panel + adjustable pole mount	12dB, Band C	H-Plane 90° E-Plane 9°	37 x 25 x 4.5 cm	Sector antenna for wide angle, high gain coverage	vertical or horizontal	N socket	Bridge, remote link, mesh

Model	Image	Type	Gain Band	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT58-17BN		'Backfire', directional + adjustable pole mount	17dB, Band C	H-Plane 25° E-Plane 25°	27 x 90 cm	Medium gain directional antenna for up to 5Km	vertical or horizontal	N socket	Bridge, remote link
ANT58-018PN		Panel, directional + adjustable pole mount	18dB, Band A,B,C	H-Plane 18° E-Plane 18°	33 x 30 x 3.5 cm	Wide band, medium gain, for up to 5Km	vertical or horizontal	N socket	Bridge, remote link
ANT58-19PN		Panel, directional + adjustable pole mount	19dB, Band C	H-Plane 16° E-Plane 16°	26 x 19 x 4.2 cm	Narrow band C, medium gain, for up to 5Km	vertical or horizontal	N socket	Bridge, remote link
ANT58-820PN		Square Panel directional + adjustable pole mount	20dB, Band C	H-Plane 20° E-Plane 20°	20 x 20 cm	Narrow band C, medium gain, for up to 5Km	vertical or horizontal	N socket	Bridge, remote link

Model	Image	Type	Gain Band	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT58-22PN		Square Panel directional + adjustable pole mount	22dB, Band C	H-Plane 8° E-Plane 8°	30 x 30 x 20 cm	Narrow band C, high gain, for up to 10Km	vertical or horizontal	N socket	Bridge, remote link
ANT58-023PN		Diamond Panel directional + adjustable pole mount	23dB, Band A,B,C	H-Plane 10° E-Plane 10°	32 x 32 x 20 cm	Wide band A,B,C, high gain, for over 10Km	vertical or horizontal	N socket	Bridge, remote link
ANT58-826PN		Square Panel directional + adjustable pole mount	26dB, Band C	H-Plane 10° E-Plane 10°	40 x 40 cm	Narrow Band C, high gain, for over 30Km	vertical or horizontal	N socket	Bridge, remote link
ANT515810ON		Wide band, Omni antenna. + pole mounting	10dB, Band A,B,C	H-Plane 360° E-Plane 13°	7.5 x 53cm	Wide band A,B,C, low gain omni	vertical	N socket	Bridge, remote link, multiple points
ANT58-010ON		Narrow band, Omni antenna. + pole mounting	10dB, Band C	H-Plane 360° E-Plane 10°	8 x 51cm	Narrow band C, low gain omni	vertical	N socket	Bridge, remote link, multiple points
ANT58-110N		Narrow band, Omni antenna. + pole mounting	12dB, Band C	H-Plane 360° E-Plane 6°	70 cm	Narrow band C, medium gain omni	vertical	N socket	Bridge, remote link, multiple points

Model	Image	Type	Gain Band	Pattern (half power point)	Size	Notes	Polarisation	Connector	Application
ANT56015ON		Narrow band, Omni antenna. + pole mounting	15dB, Band B	H-Plane 360° E-Plane 7°	5x82 cm	Narrow band B, high gain omni	vertical	N socket	Bridge, remote link, multiple points
ANT58015ON		Narrow band, Omni antenna. + pole mounting	15dB, Band C	H-Plane 360° E-Plane 7°	5x82 cm	Narrow band B, high gain omni	vertical	N socket	Bridge, remote link, multiple points
ANT58-026GN		Narrow band Grid directional + adjustable pole mount	26dB, Band C	H-plane 7°	52x45 cm	Narrow band C, very high gain directional for very long range	vertical	N socket	Bridge, remote link, very long range
ODUDIY5818		Integrated directional panel antenna + IP67 outdoor housing	18dB, Band B and C	H-plane 35° E-plane 18°	42 x 36 x 6 cm	Allows you to build your own outdoor bridging unit. Ideal with the DWAP-011AG AP units.	vertical	ReSMA plug	Bridge, remote link

GSM

Model	Image	Type	Gain	Pattern (half power point)	Size	Notes	Frequency	Connector	Application
GSM-02SCN		Omni antenna designed for vehicle roof.	2dB	H-plane 360°	3x4.5cm – 22mm mounting hole	Small roof antenna for motor vehicles or outdoor units (e.g. bus shelters!)	For EU GSM bands 900/1800MHz	ReSMA plug	Bridge, remote link
USGSM-02SCN		Omni antenna designed for vehicle roof.	2dB	H-plane 360°	3x4.5cm – 22mm mounting hole	Small roof antenna for motor vehicles or outdoor units (e.g. bus shelters!)	For US GSM bands 824- 894/1850- 1990MHz	ReSMA plug	Bridge, remote link