

WADE ANTENNA LTD.



FRONT

BACK

Compact Yagi Antennas:

Y2411 - 2.4 GHz

Y3512 - 3.5 GHz

Y4915 - 4.9 GHz

Y5815 - 5.8 GHz

DESCRIPTION

Our Compact Yagi antenna is ideal for its aesthetically small design. This unit is designed for point-to-point and multi-point communications. May be used in both indoor and outdoor applications.

APPLICATION

Short point-to-point links.
Wireless ISP antenna for short lengths.
802.11 Wi-Fi LAN networks.
802.16 WiMax MAN and WAN networks.
Client Premise Equipment.
Wireless security cameras.

SPECIFICATIONS

ELECTRICAL

MODEL	Y2411	Y3512	Y4915	Y5815
FREQUENCY	2.4—2.5 GHz	3.4—3.65 GHz	4.94—4.99 GHz	5.7 - 5.85 GHz
GAIN	11 dBi	12.5 dBi	15 dBi	15 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm	50 Ohm
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
F/B RATIO	20 dB	22 dB	20 dB	25 dB
POLARIZATION	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL
HPBW "E" PLANE	50 DEGREES	42 DEGREES	24 DEGREES	31.5 DEGREES
"H" PLANE	66 DEGREES	55.5 DEGREES	22 DEGREES	41.5 DEGREES
TERMINAL TYPE	"N" FEMALE *	"N" FEMALE *	"N" FEMALE *	"N" FEMALE *
MAXIMUM INPUT POWER	20 WATTS	20 WATTS	20 WATTS	20 WATTS

MECHANICAL

SIZE	5.0" X 5.0" X 1.5"	5.0" X 5.0" X 1.5"	5.0" X 5.0" X 1.5"	5.0" X 5.0" X 1.5"
WEIGHT	0.5 LBS (0.2 KG)	0.5 LBS (0.2 KG)	0.5 LBS (0.2 KG)	0.5 LBS (0.2 KG)
CONSTRUCTION	RADOME ABS, ALUMINUM HOUSING	RADOME ABS, ALUMINUM HOUSING	RADOME ABS, ALUMINUM HOUSING	RADOME ABS, ALUMINUM HOUSING
MOUNTING	2" O.D. MAST or WALL	2" O.D. MAST or WALL	2" O.D. MAST or WALL	2" O.D. MAST or WALL

* Other connectors available on request.