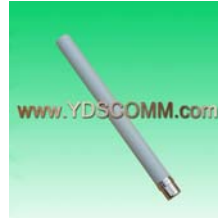
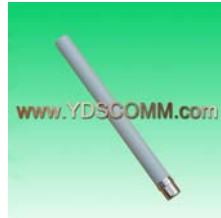


Antenna Model No.	YDS1718OM9V2-2N(F)	YDS2425OM8V2-2N(F)	YDS2627OM12V2-2N(F)	YDS5158OM8V2-2N(F)
Frequency Range	1785-1805 MHZ	2400-2500 MHZ	2600-2700 MHZ	5150-5850 MHZ
Bandwidth	20 MHZ	100 MHZ	100 MHZ	700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	9 dBi	8 dBi	12 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2.0	≤ 1.5	≤ 1.5	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	2×N Female	2×N Female	2×N Female	2×N Female
Dimensions	75×885 mm	75×465 mm	75×890 mm	75×300 mm
Weight	2 kg	1.3 kg	2 kg	1.3 kg
Radome	PVC White	PVC White	PVC White	PVC White
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	40 - 90 mm	40 - 90 mm	40 - 90 mm	40 - 90 mm



Antenna Model No.	YDS2425OM8V2-2N(F)	YDS2458OM810V2-2N(F)	YDS2425OM8V3-3N(F)	YDS2458OM810V3-3N(F)
Frequency Range	2400-2500 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 MHZ	2400-2500 / 5150-5850 MHZ
Bandwidth	100 MHZ	100 / 700 MHZ	100 MHZ	100 / 700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	8 / 10 dBi	8 dBi	8 / 10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 1.5	≤ 1.5 / ≤ 2
Maximum Power	50 Watts	50 Watts	20 Watts	20 Watts
Connector	2×N Female	2×N Female	3×N Female	3×N Female
Dimensions	75×465 mm	75×465 mm	145×320 mm	145×320 mm
Weight	1.3 kg	1.3 kg	1.2 kg	1.2 kg
Radome	PVC White	PVC White	ABS / PC	ABS / PC
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	40 - 90 mm	40 - 90 mm	30 - 50 mm	30 - 50 mm



Antenna Model No.	YDS2458OM8V4-2RPSMAK2.4G-2RPSMAK5G	YDS2458OM8V4-2N(F)2.4G-2N(F)5G	YDS2458OM810V4-4N(F)	YDS2458OM68V6-3RPSMAK2.4G-3RPSMAK5G
Frequency Range	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ
Bandwidth	100 / 700 MHZ	100 / 700 MHZ	100 / 700 MHZ	100 / 700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	8 dBi	8 / 10 dBi	6 / 8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5 / ≤ 2	≤ 1.5 / ≤ 2	≤ 1.5 / ≤ 2	≤ 1.5 / ≤ 2
Maximum Power	20 Watts	20 Watts	20 Watts	20 Watts
Connector	4×RPSMAK	4×N Female	4×N Female	6×RPSMAK
Dimensions	145×320 mm	145×320 mm	145×320 mm	145×185 mm
Weight	1.2 kg	1.2 kg	1.2 kg	0.8 kg
Radome	ABS / PC	ABS / PC	ABS / PC	ABS / PC
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30 - 50 mm	30 - 50 mm	30 - 50 mm	30 - 50 mm

# YDS COMMUNICATIONS ANTENNA

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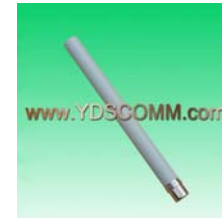
Antenna Model No.	YDS2458OM6V6-3RPSMAK2.4G-3RPSMAK5G	YDS2458OM68V6-3N(F)2.4G-3N(F)5G	YDS2458OM8V6-3RPSMAK2.4G-3N(F)5G	YDS2458OM8V6-3N(F)2.4G-3N(F)5G
Frequency Range	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850	2400-2500 / 5150-5850	2400-2500 / 5150-5850 MHZ
Bandwidth	100 / 700 MHZ	100 / 700 MHZ	100 / 700 MHZ	100 / 700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	6 / 8 dBi	8 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5 / ≤ 2	≤ 1.5 / ≤ 2	≤ 1.5 / ≤ 2	≤ 1.5 / ≤ 2
Maximum Power	20 Watts	20 Watts	20 Watts	20 Watts
Connector	6×RPSMAK	6×RPSMAK	6×RPSMAK	6×RPSMAK
Dimensions	145×185 mm	145×185 mm	145×320 mm	145×320 mm
Weight	0.8 kg	0.8 kg	1.2 kg	1.2 kg
Radome	ABS / PC	ABS / PC	ABS / PC	ABS / PC
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30 - 50 mm	30 - 50 mm	30 - 50 mm	30 - 50 mm

[www.YDSCOMM.com](http://www.YDSCOMM.com) [sales@ydscomm.com](mailto:sales@ydscomm.com) Tel: (+86) 13790087202 (WeChat, QQ, Mobile)

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Antenna Model No.	YDS2458OM811V6-3N(F) 2.4G-3N(F)5G	YDS120M4.5V1-N(M)	YDS1114OM4.5V1-N(M)	YDS1115OM4.5V1-N(M)
Frequency Range	2400-2500 / 5150-5850 MHZ	1200 ± 40 MHZ	1150-1400 MHZ	1150-1500 MHZ
Bandwidth	100 / 700 MHZ	80 MHZ	250 MHZ	350 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 / 11 dBi	4.5 dBi	4.5 dBi	4.5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5 / ≤ 2	≤ 2	≤ 2	≤ 2.5
Maximum Power	20 Watts	50 Watts	50 Watts	50 Watts
Connector	6×RPSMAK	N Male	N Male	N Male
Dimensions	145×320 mm	39.5 cm	40 cm	35.3 cm
Weight	1.2 kg	0.25 kg	0.12 kg	0.15 kg
Radome	ABS / PC	Fiberglass (gray)	ABS (black)	FRP (black)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30 - 50 mm			



Antenna Model No.	YDS1114OM5V1-N(F)	YDS2458OM68V4-2N(F) 2.4G-2N(F)5G	YDS1718OM9V2-2N(F)	YDS12OM8V1-N(M)
Frequency Range	1150-1400 MHZ	2400-2500 / 5150-5850 MHZ	1200±20 MHZ	1200±20 MHZ
Bandwidth	250 MHZ	100 / 700 MHZ	40 MHZ	40 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5 dBi	6 / 8 dBi	6 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5 / ≤ 2	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	20 Watts	50 Watts	50 Watts
Connector	N Female	4×N Female	N Female	N Male
Dimensions	39.5 cm	145×185 mm	60 cm	121 cm
Weight	0.65 kg	0.8 kg	0.25 kg	0.3 kg
Radome	FRP (black)	white	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30 - 50 mm		



Antenna Model No.	YDS12OM8V1-N(F)	YDS1314OM3V1-N(M)	YDS1314OM5V1-N(M)	YDS13OM8V1-N(F)
Frequency Range	1200±20 MHZ	1340-1410 MHZ	1340-1410 MHZ	1300±40 MHZ
Bandwidth	40 MHZ	70 MHZ	70 MHZ	80 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	3 dBi	5 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Male	N Female
Dimensions	121 cm	19 cm	40 cm	91.5 cm
Weight	1.1 kg	0.1 kg	0.12 kg	1.1 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	ABS (black)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm			30-50 mm

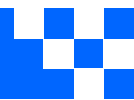


Antenna Model No.	YDS14OM5V1-N(M)	YDS14OM5V1-N(F)	YDS1415OM4.5V1-N(F)	YDS14OM6V1-N(F)
Frequency Range	1457±10 MHZ	1457±10 MHZ	1400-1500 MHZ	1438±10 MHZ
Bandwidth	20 MHZ	20 MHZ	100 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5 dBi	5 dBi	4.5 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Male	N Female
Dimensions	43 cm	43 cm	40 cm	60 cm
Weight	0.25 kg	0.6 kg	0.12 kg	0.7 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	ABS (black)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm		30-50 mm





Antenna Model No.	YDS14OM6V1-N(M)	YDS14OM7V1-N(M)	YDS14OM8V1-N(M)	YDS14OM8V1-N(F)
Frequency Range	1457±10 MHZ	1457±10 MHZ	1457±10 MHZ	1457±10 MHZ
Bandwidth	20 MHZ	20 MHZ	20 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	7 dBi	8 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Male	N Female
Dimensions	60 cm	80 cm	91.5 cm	91.5 cm
Weight	0.25 kg	0.3 kg	0.3 kg	1.1 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter				30-50 mm



Antenna Model No.	YDS14OM9V1-N(M)	YDS14OM9V1-N(F)	YDS14OM10V1-N(F)	YDS1617OM5V1-N(F)
Frequency Range	1457±10 MHZ	1457±10 MHZ	1457±10 MHZ	1665-1750 MHZ
Bandwidth	20 MHZ	20 MHZ	20 MHZ	85 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	9 dBi	9 dBi	10 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Female	N Female
Dimensions	121 cm	121 cm	157 cm	39.5 cm
Weight	0.4 kg	1.2 kg	1.5 kg	0.65 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	120 km/h	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm



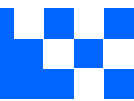
Antenna Model No.	YDS1617OM8V1-N(F)	YDS1718OM5V1-N(M)	YDS1718OM6V1-N(M)	YDS12OM6V1-N(M)
Frequency Range	1665-1750 MHZ	1785-1805 MHZ	1785-1805 MHZ	1200 ± 40 MHZ
Bandwidth	85 MHZ	20 MHZ	20 MHZ	40 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	5 dBi	6 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Male	N Male
Dimensions	80 cm	40 cm	43 cm	60 cm
Weight	1 kg	0.12 kg	0.2 kg	0.25 kg
Radome	Fiberglass (gray)	ABS (black)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	120 km/h	60 m/s
Mast Mount Diameter	30-50 mm			



Antenna Model No.	YDS1718OM6V1-N(F)	YDS1718OM8V1-N(F)	YDS1819OM9V1-N(F)	YDS1921OM5V1-N(M)
Frequency Range	1785-1805 MHZ	1785-1805 MHZ	1880-1920 MHZ	1920-2170 MHZ
Bandwidth	20 MHZ	20 MHZ	40 MHZ	250 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	8 dBi	9 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Female	N Male
Dimensions	43 cm	66 cm	91.5 cm	33 cm
Weight	0.7 kg	0.9 kg	1.1 kg	0.2 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	60-50 mm	30-50 mm	30-50 mm	



Antenna Model No.	YDS1921OM6V1-N(M)	YDS1921OM6V1-N(F)	YDS1921OM8V1-N(F)	YDS2323OM10V1-N(F)
Frequency Range	1920-2170 MHZ	1920-2170 MHZ	1920-2170 MHZ	2300-2380 MHZ
Bandwidth	250 MHZ	250 MHZ	250 MHZ	80 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	6 dBi	8 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 1.8
Maximum Power	50 Watts	50 Watts	50 Watts	100 Watts
Connector	N Male	N Female	N Female	N Female
Dimensions	40 cm	40 cm	75 cm	57 cm
Weight	0.2 kg	0.6 kg	1 kg	0.8 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter			30-50 mm	30-50 mm



Antenna Model No.	YDS2425OM3V1-N(M)	YDS2424OM3V1-N(F)	YDS2424OM5V1-N(M)	YDS2424OM5V1-N(F)
Frequency Range	2400-2500 MHZ	2400-2483 MHZ	2400-2483 MHZ	2400-2483 MHZ
Bandwidth	100 MHZ	83 MHZ	83 MHZ	83 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 dBi	3 dBi	5 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Male	N Female
Dimensions	19 cm	19 cm	33 cm	32.5 cm
Weight	0.5 kg	0.5 kg	0.2 kg	0.6 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm



Antenna Model No.	YDS2424OM5V1-TNC(M)	YDS2424OM6V1-N(M)	YDS2424OM6V1-N(F)	YDS2424OM6V1-TNC(M)
Frequency Range	2400-2483 MHZ	2400-2483 MHZ	2400-2483 MHZ	2400-2483 MHZ
Bandwidth	83 MHZ	83 MHZ	83 MHZ	83 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5 dBi	6 dBi	6 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	TNC Male	N Male	N Female	TNC Male
Dimensions	29 cm	39.5 cm	39.5 cm	40 cm
Weight	0.85 kg	0.25 kg	0.65 kg	0.12 kg
Radome	PVC (white)	Fiberglass (gray)	Fiberglass (gray)	ABS (black)
Wind Load	60 m/s	120 km/h	120 km/h	60 m/s
Mast Mount Diameter	30-50 mm		30-50 mm	

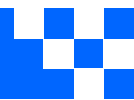


Antenna Model No.	YDS2425OM6V1-N(M)	YDS2327OM6V1-N(M)	YDS2327OM6V1-N(F)	YDS2424OM7V1-N(F)
Frequency Range	2400-2500 MHZ	2300-2700 MHZ	2300-2700 MHZ	2400-2483 MHZ
Bandwidth	100 MHZ	400 MHZ	400 MHZ	83 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	6 dBi	6 dBi	7 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.7	≤ 1.7	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Male	N Female	N Female
Dimensions	35 cm	43 cm	43 cm	46 cm
Weight	0.2 kg	0.25 kg	0.65 kg	0.9 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter			30-50 mm	30-50 mm





Antenna Model No.	YDS2424OM7V1-SMAJ	YDS2323OM6V1-N(M)	YDS2424OM8V1-N(M)	YDS2424OM8V1-N(F)
Frequency Range	2400-2483 MHZ	2300-2370 MHZ	2400-2483 MHZ	2400-2483 MHZ
Bandwidth	83 MHZ	70 MHZ	83 MHZ	83 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	7 dBi	6 dBi	8 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	SMAJ	N Male	N Male	N Female
Dimensions	45 cm	46 cm	56.5 cm	56.5 cm
Weight	1.2 kg	0.3 kg	0.3 kg	0.8 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm			30-50 mm



Antenna Model No.	YDS2325OM8V1-N(F)	YDS2425OM8V1-N(F)	YDS2327OM8V1-N(M)	YDS2324OM8V1-N(M)
Frequency Range	2350-2550 MHZ	2400-2500 MHZ	2300-2700 MHZ	2300-2400 MHZ
Bandwidth	200 MHZ	100 MHZ	400 MHZ	100 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	8 dBi	8 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 2	≤ 2
Maximum Power	100 Watts	100 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Male	N Male
Dimensions	56.5 cm	56.5 cm	57 cm	57 cm
Weight	0.8 kg	0.8 kg	0.3 kg	0.3 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm		



Antenna Model No.	YDS2327OM8V1-N(F)	YDS2424OM9V1-N(F)	YDS2424OM10V1-N(M)	YDS2424OM10V1-N(F)
Frequency Range	2300-2700 MHZ	2400-2483 MHZ	2400-2483 MHZ	2400-2483 MHZ
Bandwidth	400 MHZ	83 MHZ	83 MHZ	83 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	9 dBi	10 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Male	N Female
Dimensions	56.5 cm	80 cm	91.5 cm	91.5 cm
Weight	0.8 kg	0.85 kg	0.3 kg	0.9 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	120 km/h	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm		30-50 mm



Antenna Model No.	YDS2424OM12V1-N(F)	YDS2424OM15V1-N(F)	YDS2627OM12V1-RPSMAJ	YDS2934OM5V1-N(F)
Frequency Range	2400-2483 MHZ	2400-2483 MHZ	2600-2700 MHZ	2900-3400 MHZ
Bandwidth	83 MHZ	83 MHZ	100 MHZ	500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	12 dBi	15 dBi	12 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.8	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	RPSMAJ	N Female
Dimensions	121 cm	157 cm	91.5 cm	33 cm
Weight	1 kg	1.5 kg	1.5 kg	0.6 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm



Antenna Model No.	YDS3436OM5V1-N(F)	YDS3436OM7V1-N(F)	YDS3436OM8V1-N(M)	YDS3436OM8V1-N(F)
Frequency Range	3400-3600 MHZ	3400-3600 MHZ	3400-3600 MHZ	3400-3600 MHZ
Bandwidth	200 MHZ	200 MHZ	200 MHZ	200 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5 dBi	7 dBi	8 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Male	N Female
Dimensions	32.5 cm	39.5 cm	43 cm	43 cm
Weight	0.5 kg	0.6 kg	0.25 kg	0.7 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	120 km/h	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm		30-50 mm



Antenna Model No.	YDS3436OM9V1-N(F)	YDS3436OM11V1-N(F)	YDS4445OM10V1-N(F)	YDS4850OM5V1-N(F)
Frequency Range	3400-3600 MHZ	3400-3600 MHZ	4400-4500 MHZ	4800-5000 MHZ
Bandwidth	200 MHZ	200 MHZ	100 MHZ	200 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	9 dBi	11 dBi	10 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Female	N Female
Dimensions	54.5 cm	79 cm	57 cm	26 cm
Weight	0.8 kg	0.9 kg	1 kg	0.55 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm

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Antenna Model No.	YDS4850OM12V1-N(F)	YDS5153OM6V1-N(F)	YDS5153OM10V1-N(F)	YDS5153OM12V1-N(M)
Frequency Range	4800-5000 MHZ	5150-5350 MHZ	5150-5350 MHZ	5150-5350 MHZ
Bandwidth	200 MHZ	200 MHZ	200 MHZ	200 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	12 dBi	6 dBi	10 dBi	12 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.7	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Female	N Male
Dimensions	57 cm	26 cm	43 cm	57 cm
Weight	1 kg	0.55 kg	0.7 kg	0.3 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm

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Antenna Model No.	YDS5153OM12V1-N(F)	YDS5158OM3.5V1-N(M)	YDS5758OM6V1-N(M)	YDS5758OM6V1-N(F)
Frequency Range	5150-5350 MHZ	5150-5850 MHZ	5725-5850 MHZ	5725-5850 MHZ
Bandwidth	200 MHZ	700 MHZ	125 MHZ	125 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	12 dBi	3.5 dBi	6 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Male	N Female
Dimensions	57 cm	15 cm	26 cm	26 cm
Weight	0.8 kg	0.1 kg	0.2 kg	0.55 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm			30-50 mm



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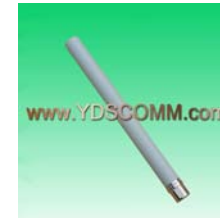
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Antenna Model No.	YDS5158OM6V1-N(M)	YDS5158OM6V1-N(F)	YDS5158OM7V1-N(M)	YDS5158OM7V1-N(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Bandwidth	700 MHZ	700 MHZ	700 MHZ	700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	6 dBi	7 dBi	7 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Male	N Female
Dimensions	26 cm	26 cm	30 cm	30 cm
Weight	0.3 kg	0.55 kg	0.3 kg	0.6 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm		30-50 mm

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Antenna Model No.	YDS5758OM8V1-N(M)	YDS5758OM8V1-N(F)	YDS5158OM8V1-N(M)	YDS5158OM8V1-N(F)
Frequency Range	5725-5850 MHZ	5725-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Bandwidth	125 MHZ	125 MHZ	700 MHZ	700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	8 dBi	8 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Male	N Female
Dimensions	33 cm	33 cm	29.5 cm	33 cm
Weight	0.2 kg	0.6 kg	0.2 kg	0.6 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm		30-50 mm

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Antenna Model No.	YDS5158OM9V1-N(M)	YDS5158OM9V1-N(F)	YDS5758OM10V1-N(M)	YDS5758OM10V1-N(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5725-5850 MHZ	5725-5850 MHZ
Bandwidth	700 MHZ	700 MHZ	125 MHZ	125 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	9 dBi	9 dBi	10 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Male	N Female
Dimensions	43 cm	43 cm	43 cm	43 cm
Weight	0.3 kg	0.7 kg	0.25 kg	0.7 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm		30-50 mm

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Antenna Model No.	YDS5153OM8V1-N(F)	YDS5758OM10V1-RPSMAJ	YDS5158OM11V1-N(F)	YDS5758OM12V1-N(M)
Frequency Range	5150-5350 MHZ	5725-5850 MHZ	5150-5850 MHZ	5725-5850 MHZ
Bandwidth	200 MHZ	125 MHZ	700 MHZ	125 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	10 dBi	11 dBi	12 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	RPSMAJ	N Female	N Male
Dimensions	33 cm	40 cm	54.5 cm	55 cm
Weight	0.6 kg	0.5 kg	0.9 kg	0.25 kg
Radome	Fiberglass (gray)	ABS (black)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	



Antenna Model No.	YDS5758OM12V1-N(F)	YDS5158OM12V1-N(M)	YDS5158OM12V1-N(F)	YDS5758OM15V1-N(F)
Frequency Range	5725-5850 MHZ	5170-5875 MHZ	5150-5850 MHZ	5725-5850 MHZ
Bandwidth	125 MHZ	705 MHZ	700 MHZ	125 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	12 dBi	12 dBi	12 dBi	15 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2	≤ 1.8
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Female	N Female
Dimensions	54.5 cm	57 cm	57 cm	87.5 cm
Weight	0.8 kg	0.3 kg	1 kg	0.9 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)	Fiberglass (gray)
Wind Load	60 m/s	120 km/h	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm		30-50 mm	30-50 mm

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Antenna Model No.	YDS5859OM12V1-N(F)	YDS150OM3V1-N(M)	YDS150OM3.5V1-N(F)	YDS150OM4.5V1-N(F)
Frequency Range	5850-5900 MHZ	134-173 MHZ	118-173 MHZ	134-173 MHZ
Bandwidth	50 MHZ	3 MHZ	20 MHZ	8 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	12 dBi	3 dBi	3.5 dBi	4.5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Female	N Female
Dimensions	57 cm	121 cm	150 cm	2.5 m
Weight	1 kg	0.4 kg	1.5 kg	2.5 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm		30-50 mm	30-50 mm

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Antenna Model No.	YDS150OM8.5V1-N(F)	YDS230OM3V1-N(M)	YDS230OM3V1-N(F)	YDS230OM4.5V1-N(F)
Frequency Range	134-173 MHZ	220-290 MHZ	220-290 MHZ	220-290 MHZ
Bandwidth	8 MHZ	6 MHZ	6 MHZ	8 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8.5 dBi	3 dBi	3 dBi	4.5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	100 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Female	N Female
Dimensions	4.7 m	87.5 cm	87.5 cm	1.8 m
Weight	4.5 kg	0.3 kg	1.1 kg	2 kg
Radome	Fiberglass (white)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm		30-50 mm	30-50 mm

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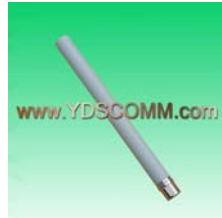


Antenna Model No.	YDS230OM6V1-N(F)	YDS230OM6.5V1-N(F)	YDS230OM8.5V1-N(F)	YDS415OM3V1-N(M)
Frequency Range	220-290 MHZ	220-290 MHZ	220-290 MHZ	380-450 MHZ
Bandwidth	10 MHZ	8 MHZ	8 MHZ	70 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	6.5 dBi	8.5 dBi	3 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 2.5
Maximum Power	50 Watts	50 Watts	100 Watts	50 Watts
Connector	N Female	N Female	N Female	N Male
Dimensions	190 cm	2.5 m	4 m	40 cm
Weight	1.5 kg	2.5 kg	3.5 kg	0.12 kg
Radome	Fiberglass (white)	Fiberglass (white)	Fiberglass (white)	ABS (black)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	

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Antenna Model No.	YDS350OM3V1-N(F)	YDS350OM8V1-716 DIN N(F)	YDS350OM3V1-N(M)	YDS350OM5V1-N(F)
Frequency Range	351-366 MHZ	350-375 MHZ	300-400 MHZ	330±5 MHZ
Bandwidth	15 MHZ	25 MHZ	10 MHZ	10 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 dBi	8 dBi	3 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.7	≤ 1.5	≤ 1.5
Maximum Power	100 Watts	500 Watts	50 Watts	50 Watts
Connector	N Female	7/16DIN N Female	N Male	N Female
Dimensions	58 cm	70×3210 mm	56.5 mm	121 mm
Weight	0.7 kg	5.5 kg	0.3 kg	1.2 kg
Radome	Fiberglass (white)	Fiberglass (white)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	70-95 mm		30-50 mm



Antenna Model No.	YDS350OM5V1-N(M)	YDS350OM7.8V1-N(F)	YDS350OM8.5V1-N(F)	YDS350OM10V1-N(F)
Frequency Range	330-390 MHZ	300-400 MHZ	330-390 MHZ	300-390 MHZ
Bandwidth	10 MHZ	14 MHZ	14 MHZ	10 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5 dBi	7.8 dBi	8.5 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Female	N Female
Dimensions	121 mm	1.8 mm	2.5 mm	4.7 mm
Weight	0.4 kg	2 kg	2.5 kg	3.5 kg
Radome	Fiberglass (gray)	Fiberglass (white)	Fiberglass (white)	Fiberglass (white)
Wind Load	120 km/h	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm	30-50 mm	30-50 mm



Antenna Model No.	YDS350OM11V1-N(F)	YDS400OM9V1-716 DIN N(F)	YDS400OM3V1-N(F)	YDS400OM3V1-N(M)
Frequency Range	300-390 MHZ	400-480 MHZ	400-480 MHZ	400-480 MHZ
Bandwidth	10 MHZ	25 MHZ	10 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	11 dBi	9 dBi	3 dBi	3 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 2
Maximum Power	50 Watts	500 Watts	50 Watts	50 Watts
Connector	N Female	7/16DIN N Female	N Female	N Male
Dimensions	5.7 mm	70×3210 mm	56.5 mm	40 mm
Weight	5 kg	5.5 kg	1 kg	0.12 kg
Radome	Fiberglass (white)	Fiberglass (white)	Fiberglass (gray)	ABS (black)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	70-95 mm	30-50 mm	30-50 mm



Antenna Model No.	YDS400OM3V1-TNC(M)	YDS400OM4.5V1-N(F)	YDS400OM5V1-N(M)	YDS400OM5V1-N(F)
Frequency Range	400-480 MHZ	490±8 MHZ	400-480 MHZ	400-480 MHZ
Bandwidth	20 MHZ	16 MHZ	10 MHZ	10 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 dBi	4.5 dBi	5 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	TNC Male	N Female	N Male	N Female
Dimensions	40 mm	91.5 mm	1.21 m	1.21 m
Weight	0.12 kg	1.1 kg	0.5 kg	1.2 kg
Radome	ABS (black)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm	30-50 mm	30-50 mm



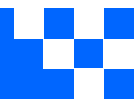
Antenna Model No.	YDS400OM7.8V1-TNCJ	YDS400OM7.8V1-N(F)	YDS400OM9V1-N(F)	YDS400OM8.5V1-N(F)
Frequency Range	433±5 MHZ	400-480 MHZ	415±5 MHZ	400-480 MHZ
Bandwidth	10 MHZ	14 MHZ		14 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	7.8 dBi	7.8 dBi	9 dBi	8.5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	100 Watts	50 Watts
Connector	TNCJ	N Female	N Female	N Female
Dimensions	1.8 m	1.8 m	2.35 m	2.5 m
Weight	5 kg	2 kg	1.23 kg	2.5 kg
Radome	Fiberglass (white)	Fiberglass (white)	Fiberglass (gray)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm		30-50 mm



Antenna Model No.	YDS400OM11V1-N(F)	YDS550OM3V1-N(M)	YDS450OM5.5V1-N(F)	YDS400OM10V1-N(F)
Frequency Range	400-480 MHZ	450-650 MHZ	462-467 MHZ	462-467 MHZ
Bandwidth	14 MHZ	200 MHZ	200 MHZ	5 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	11 dBi	3 dBi	5.5 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	100 Watts	50 Watts
Connector	N Female	N Male	N Female	N Female
Dimensions	4.7 m	40 cm	40 cm	4 m
Weight	4.5 kg	0.12 kg	0.12 kg	4.2 kg
Radome	Fiberglass (white)	ABS (black)	ABS (black)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm			30-50 mm



Antenna Model No.	YDS450OM5.5V1-N(F)	YDS470OM5V1-N(F)	YDS490OM3V1-N(M)	YDS490OM5V1-N(F)
Frequency Range	462-467 MHZ	470±5 MHZ	470-510 MHZ	470-510 MHZ
Bandwidth		10 MHZ	40 MHZ	40 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5.5 dBi	5 dBi	3 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 2	≤ 2
Maximum Power	100 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Male	N Female
Dimensions	100.5 mm	91.5 mm	40 mm	32×896 mm
Weight	0.5 kg	1.1 kg	0.2 kg	1.5 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)
Wind Load	55 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm		30-50 mm



Antenna Model No.	YDS500OM2V1-N(M)	YDS500OM3V1-SMAJ	YDS500OM3V1-NJ	YDS500OM3V1-N(J)-RA
Frequency Range	500-520 MHZ	470-510 MHZ	470-530 MHZ	570-590 MHZ
Bandwidth	20 MHZ	40 MHZ	60 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	2 dBi	3 dBi	3 dBi	3 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2	≤ 1.5
Maximum Power	20 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	SMAJ	NJ	N elbow
Dimensions	27.5 mm	39 mm	39 mm	37 mm
Weight	0.15 kg	0.7 kg	0.7 kg	0.2 kg
Radome	white	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm	30-50 mm	





Antenna Model No.	YDS500OM4V1-N(F)	YDS500OM5V1-N(M)	YDS500OM5V1-N(F)	YDS500OM6V1-N(M)
Frequency Range	509 MHZ	470-510 MHZ	470-520 MHZ	500-600 MHZ
Bandwidth	10 MHZ	40 MHZ	50 MHZ	10 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	4 dBi	5 dBi	5 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N elbow	N Male	N Female	N Male
Dimensions	56.5 mm	91.5 mm	91.5 mm	121 mm
Weight	1 kg	0.3 kg	1 kg	0.4 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	120 km/h	60 m/s	120 km/h
Mast Mount Diameter	30-50 mm		30-50 mm	



Antenna Model No.	YDS500OM8V1-N(F)	YDS500OM10V1-N(F)	YDS580OM3V1-N(M)	YDS600OM3V1-NJ
Frequency Range	500-600 MHZ	500-600 MHZ	545-620 MHZ	600±30 MHZ
Bandwidth	10 MHZ	10 MHZ	75 MHZ	60 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	10 dBi	3 dBi	3 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Male	NJ
Dimensions	185 mm	4 m	54.5 cm	39 cm
Weight	1.5 kg	4.2 kg	0.3 kg	0.7 kg
Radome	Fiberglass (gray)	Fiberglass (white)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	120 km/h	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm		30-50 mm



Antenna Model No.	YDS600OM5V1-N(F)	YDS600OM5V1-N(M)	YDS600OM6V1-N(F)	YDS600OM6V1-BNCJ
Frequency Range	566-626 MHZ	566-626 MHZ	606-678 MHZ	606-626 MHZ
Bandwidth	60 MHZ	60 MHZ	72 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5 dBi	5 dBi	6 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2.5	≤ 2.5	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Female	BNCJ
Dimensions	18.5×750 mm	18.5×750 mm	87.5 cm	87 cm
Weight	1 kg	0.5 kg	1 kg	1 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	120 km/h	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm		30-50 mm	30-50 mm



Antenna Model No.	YDS500OM6V1-N(F)	YDS600OM8V1-N(F)	YDS600OM9V1-N(F)	YDS600OM10V1-N(F)
Frequency Range	500-520 MHZ	600-700 MHZ	600-700 MHZ	580-700 MHZ
Bandwidth	20 MHZ	10 MHZ	30 MHZ	10 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	8 dBi	9 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Female	N Female
Dimensions	121 mm	150 cm	2.5 m	4 m
Weight	1.2 kg	1.5 kg	2.5 kg	4.2 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm



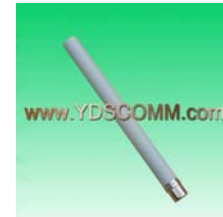
Antenna Model No.	YDS700OM3V1-N(F)	YDS700OM5V1-SL16(M)	YDS700OM5V1-N(M)	YDS700OM6V1-N(F)
Frequency Range	760-780 MHZ	730±20 MHZ	750-790 MHZ	690-800 MHZ
Bandwidth	20 MHZ	40 MHZ	40 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 dBi	5 dBi	5 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	SL16 Male	N Male	N Female
Dimensions	29.5 cm	60 cm	60 cm	87.5 cm
Weight	0.2 kg	0.2 kg	0.3 kg	1.2 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter				30-50 mm



Antenna Model No.	YDS700OM7V1-N(M)	YDS700OM8V1-N(F)	YDS700OM10V1-N(F)	YDS700OM11V1-N(F)
Frequency Range	750-790 MHZ	700-800 MHZ	700-800 MHZ	700-800 MHZ
Bandwidth	40 MHZ	20 MHZ	60 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	7 dBi	8 dBi	10 dBi	11 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Female	N Female
Dimensions	87.5 cm	1.8 m	2.5 m	4 m
Weight	0.35 kg	2 kg	2.5 kg	4.2 kg
Radome	Fiberglass (gray)	Fiberglass (white)	Fiberglass (white)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm	30-50 mm	30-50 mm

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Antenna Model No.	YDS0727OM3V1-N(F)	YDS0727OM34.5V1-N(F)	YDS0727OM23.5V1-N(F)	YDS0727OM23.5V1-N(M)
Frequency Range	698-960 / 1710-2700 MHz	698-960 / 1710-2700 MHz	698-960 / 1710-2700 / 2500-2700 MHz	698-960 / 1710-2170 / 2500-2700 MHz
Bandwidth	262 / 990 MHz	262 / 990 MHz	262 / 460 / 200 MHz	262 / 460 / 200 MHz
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 / 3.5 dBi	3 / 4.5 dBi	2 / 2 / 3.5 dBi	2 / 2 / 3.5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2 / ≤ 1.5	≤ 2 / ≤ 1.5	≤ 2.5
Maximum Power	50 Watts	50 Watts	50 Watts	10 Watts
Connector	N Female	N Female	N Female	N Female
Dimensions	100×130 mm	66×66×190 mm	27.5 cm	27.5 cm
Weight	0.3 kg	0.3 kg	0.2 kg	0.15 kg
Radome	ABS (white)	ABS (white)	PVC (white)	PVC (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	

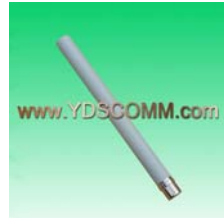
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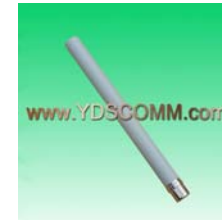


Antenna Model No.	YDS0738OM34.5V1-N(F)	YDS800OM3V1-N(M)	YDS800OM3V1-N(F)	YDS800OM6V1-SMAJ
Frequency Range	698-960 / 1710-3800 MHZ	810-830 MHZ	810-830 MHZ	858-878 MHZ
Bandwidth	262 / 2090 MHZ	20 MHZ	20 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 / 4.5 dBi	3 dBi	3 dBi	6 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	$\leq 2$ / $\leq 1.7$	$\leq 1.5$	$\leq 1.5$	$\leq 2$
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Female	SMAJ
Dimensions	66×66×190 mm	32.5 cm	32.5 cm	80 cm
Weight	0.3 kg	0.2 kg	0.6 kg	1 kg
Radome	ABS (white)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm





Antenna Model No.	YDS800OM6V1-N(F)	YDS800OM6.5V1-N(M)	YDS800OM6.5V1-N(F)	YDS800OM8V1-N(F)
Frequency Range	806-866 MHZ	806-825 MHZ	806-825 MHZ	824-896 MHZ
Bandwidth	60 MHZ	19 MHZ	19 MHZ	72 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	6.5 dBi	6.5 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	100 Watts
Connector	N Female	N Male	N Female	N Female
Dimensions	58 cm	80 cm	80 cm	130 cm
Weight	0.7 kg	0.4 kg	1 kg	1.1 kg
Radome	Fiberglass (white)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)
Wind Load	60 m/s	120 km/h	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm		30-50 mm	30-50 mm



Antenna Model No.	YDS800OM9V1-SMAJ	YDS800OM10V1-N(F)	YDS890OM6V1-N(F)	YDS0826OM3V1-N(F)
Frequency Range	858-878 MHZ	824-896 MHZ	824-960 MHZ	824-960 / 1710-2690 MHZ
Bandwidth	20 MHZ	72 MHZ	136 MHZ	136 / 980 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	9 dBi	10 dBi	6 dBi	3 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 1.5	≤ 3
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	SMAJ	N Female	N Female	N Female
Dimensions	157 cm	2.5 m	58 cm	16×400 mm
Weight	1.5 kg	2.5 kg	0.7 kg	0.12 kg
Radome	Fiberglass (gray)	Fiberglass (white)	Fiberglass (white)	ABS (black)
Wind Load	33 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm

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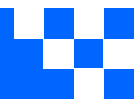
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Antenna Model No.	YDS900OM3V1-N(M)	YDS900OM3V1-N(F)	YDS900OM5V1-N(M)	YDS900OM5V1-N(F)
Frequency Range	890-960 MHZ	890-960 MHZ	890-960 MHZ	890-960 MHZ
Bandwidth	70 MHZ	70 MHZ	70 MHZ	70 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 dBi	3 dBi	5 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	$\leq 2$	$\leq 2$	$\leq 2$	$\leq 2$
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Male	N Female
Dimensions	32.5 cm	32.5 cm	55 cm	54.5 cm
Weight	0.2 kg	0.8 kg	0.25 kg	1 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm		30-50 mm

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Antenna Model No.	YDS900OM6.5V1-N(M)	YDS900OM6.5V1-N(F)	YDS900OM8V1-N(F)	YDS900OM10V1-N(F)
Frequency Range	902-928 MHZ	902-928 MHZ	890-960 MHZ	890-960 MHZ
Bandwidth	26 MHZ	26 MHZ	70 MHZ	70 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6.5 dBi	6.5 dBi	8 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Female	N Female
Dimensions	80 cm	80 cm	1.8 m	2.5 m
Weight	0.4 kg	1 kg	2 kg	2.5 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)	Fiberglass (white)
Wind Load	120 km/h	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm	30-50 mm	30-50 mm



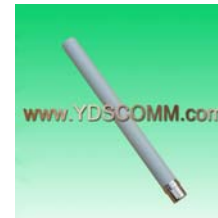
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Frequency Range	824-960 / 1710-1990 MHZ	1060-1300 MHZ	1060-1300 MHZ	1180-1220 MHZ
Bandwidth	136 / 280 MHZ	40 MHZ	40 MHZ	40 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 dBi	8 dBi	8.5 dBi	10 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	$\leq 2$ / $\leq 2.5$	$\leq 1.5$	$\leq 1.5$	$\leq 1.5$
Maximum Power	100 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Female	N Female	N Female
Dimensions	56.5 cm	1.8 m	1.8 m	1.8 m
Weight	0.8 kg	2 kg	2 kg	2 kg
Radome	Fiberglass (gray)	Fiberglass (white)	Fiberglass (white)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-50 mm	30-50 mm



Antenna Model No.	YDS1415OM10V1-N(F)	YDS1400OM12V1-N(F)	YDS1516OM3V1-N(M)	YDS1618OM8V1-N(F)
Frequency Range	1400-1500 MHZ	1428-1448 MHZ	1550-1620 MHZ	1685-1860 MHZ
Bandwidth	20 MHZ	20 MHZ	70 MHZ	175 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	10 dBi	12 dBi	3 dBi	8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	100 Watts	20 Watts	50 Watts
Connector	N Female	N Female	N Male	N Female
Dimensions	1.8 m	2.5 m	15 cm	58 cm
Weight	2 kg	2.5 kg	0.1 kg	0.8 kg
Radome	Fiberglass (white)	Fiberglass (white)	white	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm		30-50 mm



Antenna Model No.	YDS1726OM5V1-N(M)	YDS1718OM8V1B-N(F)	YDS1718OM10V1-N(F)	YDS1718OM12V1-N(F)
Frequency Range	1710-2690 MHZ	1710-1880 MHZ	1710-1880 MHZ	1785-1805 MHZ
Bandwidth	980 MHZ	170 MHZ	170 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	5 dBi	8 dBi	10 dBi	12 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2.5	≤ 2	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Female	N Female	N Female
Dimensions	40 cm	1.4 m	1.8 m	1.8 m
Weight	0.12 kg	1.7 kg	2 kg	2 kg
Radome	ABS (black)	Fiberglass (white)	Fiberglass (white)	Fiberglass (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter		30-50 mm	30-50 mm	30-50 mm



Antenna Model No.	YDS1820OM8V1-N(F)	YDS2021OM8V1-N(F)	YDS2458OM5V1-N(F)	YDS2458OM5V1B-N(F)
Frequency Range	1805-2025 MHZ	2000-2170 MHZ	2400-2483 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ
Bandwidth	220 MHZ	170 MHZ	83 / 700 MHZ	100 / 700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	8 dBi	5 dBi	5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	10 Watts	50 Watts
Connector	N Female	N Female	N Female	N Female
Dimensions	74.5 cm	70.5 cm	27.5 cm	33 cm
Weight	1.3 kg	1.3 kg	0.2 kg	0.6 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	PVC (white)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter			30-50 mm	30-50 mm





Antenna Model No.	YDS2458OM4.57.5V1-N(M)	YDS2458OM5V1-N(M)	YDS2458OM5V1D-N(F)	YDS2458OM5V1B-N(M)
Frequency Range	2400-2483 / 5150-5850 MHZ	2400-2483 / 5150-5850 MHZ	2400-2483 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ
Bandwidth	83 / 700 MHZ	83 / 700 MHZ	83 / 700 MHZ	100 / 700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	4.5 / 7.5 dBi	4.5 / 5 dBi	5 / 5 dBi	5 / 5 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	20 Watts	20 Watts	20 Watts
Connector	N Male	N Male	N Female	N Male
Dimensions	28 cm	28 cm	56 cm	25 cm
Weight	0.15 kg	0.15 kg	0.3 kg	0.15 kg
Radome	PVC (white)	PVC (white)	PVC (white)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter			30-50 mm	



Antenna Model No.	YDS2458OM68V1-N(F)	YDS2458OM68V1-N(M)	YDS2458OM968V1-N(F)	YDS2458OM968V1-N(M)
Frequency Range	2400-2483 / 5150-5350 / 5350-5850 MHZ	2400-2483 / 5150-5350 / 5350-5850 MHZ	2400-2483 / 5150-5350 / 5350-5850 MHZ	2400-2483 / 5150-5350 / 5350-5850 MHZ
Bandwidth	83 / 200 / 500 MHZ	83 / 200 / 500 MHZ	83 / 200 / 500 MHZ	83 / 200 / 500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	6 / 6 / 8 dBi	6 / 6 / 8 dBi	9 / 6 / 8 dBi	9 / 6 / 8 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	$\leq 2 / \leq 1.5$	$\leq 2 / \leq 2.5$	$\leq 2.5$	$\leq 2 / \leq 2.5$
Maximum Power	50 Watts	20 Watts	20 Watts	20 Watts
Connector	N Female	N Male	N Female	N Male
Dimensions	27.5 cm	77 cm	93 cm	94.5 cm
Weight	0.2 kg	0.25 kg	0.4 kg	0.3 kg
Radome	PVC (white)	PVC (white)	PVC (white)	PVC (white)
Wind Load	60 m/s	120 km/h	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm		30-50 mm	

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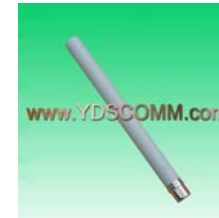
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Frequency Range	5150-5850 MHZ	5150-5850 MHZ	134-173 MHZ	566-626 MHZ
Bandwidth	700 MHZ	700 MHZ	8 MHZ	60 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8 dBi	12 dBi	6.5 dBi	3 dBi
Vertical Beamwidth			25 °	70 °
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 1.5	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Female	N Male	N Female	N Male
Dimensions	33 cm	57 cm	52×3100 mm	39.5 cm
Weight	0.6 kg	0.25 kg	3.5 kg	0.25 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)	Fiberglass (gray)
Wind Load	60 m/s	60 m/s	60 m/s	120 km/h
Mast Mount Diameter	30-50 mm		30-50 mm	

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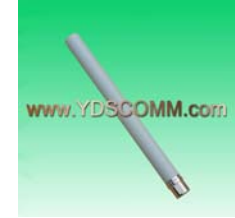
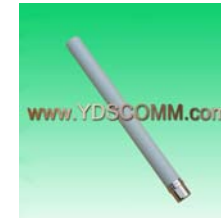
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Antenna Model No.	YDS500OM3V1B-N(M)	YDS500OM4V1-N(M)	YDS600OM3V1-N(M)	YDS500OM7.8V1-N(F)
Frequency Range	566-678 MHZ	512-582 MHZ	606-678 MHZ	500-520 MHZ
Bandwidth	112 MHZ	70 MHZ	72 MHZ	20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	3 dBi	4 dBi	3 dBi	7.8 dBi
Vertical Beamwidth	70 °	70 °	70 °	16 °
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2.5	≤ 2	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	N Male	N Male	N Male	N Female
Dimensions	39.5 cm	56.5 cm	32.5 cm	1.8 m
Weight	0.25 kg	0.3 kg	0.25 kg	2 kg
Radome	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (gray)	Fiberglass (white)
Wind Load	120 km/h	120 km/h	120 km/h	60 m/s
Mast Mount Diameter				30-50 mm



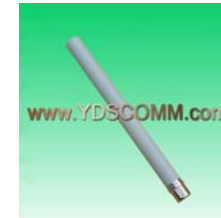
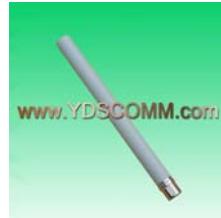
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Frequency Range	698-960 / 1710-2700 MHZ	2400-2483 / 5150-5350 /	2400-2500 MHZ	2400-2500 MHZ
Bandwidth	262 / 990 MHZ	83 / 200 / 500 MHZ	100 MHZ	100 MHZ
Polarization	Vertical	Vertical	Vertical / Horizontal	Vertical / Horizontal
Gain	4 / 6 dBi	6 / 6 / 8 dBi	8 dBi	8 dBi
Vertical Beamwidth	6 °	E:22 / E:22 / E:10		
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 1.8	≤ 1.8
Maximum Power	50 Watts	20 Watts	50 Watts	50 Watts
Connector	N Female	N Female	2×N Female	2×N RPSMA
Dimensions	75×680 mm	77 cm	75×650 mm	75×650 mm
Weight	1.9 kg	0.33 kg	1.9 kg	2 kg
Radome	PVC (white)	PVC (white)	PVC (white)	PVC (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	30-50 mm	30-50 mm	30-90 mm	40-90 mm



Antenna Model No.	YDS2425OM10VH-2N(F)	YDS2425OM10VH-2RPSMA(F)	YDS2425OM13VH-2N(F)	YDS2425OM13VH-2RPSMA(F)
Frequency Range	2400-2500 MHZ	2400-2500 MHZ	2400-2500 MHZ	2400-2500 MHZ
Bandwidth	100 MHZ	100 MHZ	100 MHZ	100 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	10 dBi	10 dBi	13 dBi	13 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	2×N Female	2×RPSMA Female	2×N Female	2×RPSMA Female
Dimensions	75×890 mm	75×890 mm	75×1150 mm	75×1150 mm
Weight	2.1 kg	2.2 kg	2.5 kg	2.5 kg
Radome	PVC (white)	PVC (white)	PVC (white)	PVC (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	50-90 mm	40-90 mm	50-90 mm	40-90 mm

# YDS COMMUNICATIONS ANTENNA

Professional Design Engineering Manufacturer Partner



Antenna Model No.	YDS5158OM11VH-2N(F)	YDS5158OM11VH-2RPSMA(F)	YDS5158OM13VH-2N(F)	YDS5158OM13VH-2RPSMA(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Bandwidth	700 MHZ	700 MHZ	700 MHZ	700 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	11 dBi	11 dBi	13 dBi	13 dBi
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Connector	2×N Female	2×RPSMA Female	2×N Female	2×RPSMA Female
Dimensions	75×465 mm	75×465 mm	75×800 mm	75×800 mm
Weight	1.7 kg	1.9 kg	2.4 kg	2.6 kg
Radome	PVC (white)	PVC (white)	PVC (white)	PVC (white)
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	40-90 mm	40-90 mm	40-90 mm	40-90 mm

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