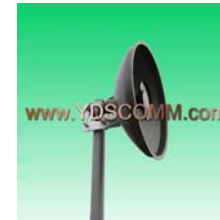




Antenna Model No.	YDS5758PD24V1-N(F)	YDS5758PD31V1-N(F)	YDS5158PD32V1-N(F)	YDS5758PD34V1-N(F)
Frequency Range	5725-5850 MHZ	5725-5850 MHZ	5150-5850 MHZ	5725-5850 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	24 dBi	31 dBi	32 dBi	34 dBi
Horizontal Beamwidth	9 °	4 °	3.5 °	3 °
Vertical Beamwidth	9 °	4 °	3.5 °	3 °
Front-to-back ratio	≥ 30 dB	≥ 38 dB	≥ 35 dB	≥ 40 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.7	≤ 1.5
Maximum Power	100 Watts	100 Watts	100 Watts	100 Watts
Lightning protection	DC ground	DC ground	DC ground	DC ground
Connector	N Female	N Female	N Female	N Female
Dimensions	0.4 m	0.9 m	0.9 m	1.2 m
Weight	3 kg	10 kg	10.5 kg	28 kg
Reflector	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Colour	gray	gray	gray	gray
Adjustable Angle	0-20 °	0-20 °	0-20 °	0-20 °
Operating temperature	-40 ~ 60 °C	-40 ~ 60 °C	-40 ~ 60 °C	-40 ~ 60 °C
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	35-50 mm	50-75 mm	50-75 mm	90-150 mm

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Antenna Model No.	YDS5961PD23VH-2N(F)	YDS5158PD23VH-2N(F)	YDS5158PD23VHB-2N(F)	YDS5158PD23VHC-2N(F)
Frequency Range	5900-6100 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	23 dBi	23 dBi	23 dBi	23 dBi
Horizontal Beamwidth	8 °	9 °	9 °	9 °
Vertical Beamwidth	8 °	9 °	9 °	9 °
Sidelobe suppression	ETSI EN 302.326-3 DN1-DN5 dB	ETSI EN 302.326-3 DN1-DN5 dB		ETSI EN 302.326-3 DN1-DN5 dB
Front-to-back ratio	≥ 35 dB	≥ 35 dB	≥ 35 dB	≥ 35 dB
Isolation	≥ 30 dB	≥ 30 dB	≥ 30 dB	≥ 30 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	100 Watts	100 Watts	100 Watts	100 Watts
Lightning protection				
Connector	2×N Female	2×N Female	2×N Female	2×N Female
Dimensions	0.37 m	0.37 m	0.37 m	0.37 m
Weight	3.3 kg	3.3 kg	2.5 kg	3.3 kg
Reflector	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Colour	gray	gray	gray	gray
Adjustable Angle	-15 ~ +15 °	-15 ~ +15 °	0 ~ 30 °	-15 ~ +15 °
Operating temperature	-40 ~ 70 °C	-40 ~ 70 °C	-40 ~ 70 °C	-40 ~ 70 °C
Wind Load	60 m/s	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	25-60 mm	25-60 mm	35-50 mm	25-60 mm

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Antenna Model No.	YDS5158PD28.5VH-2N(F)	YDS5158PD32VH-2N(F)	YDS5158PD32VHB-2N(F)	YDS5158PD34VH-2N(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	28.5 dBi	32 dBi	32 dBi	34 dBi
Horizontal Beamwidth	5 °	3.5 °	3.5 °	3 °
Vertical Beamwidth	5 °	3.5 °	3.5 °	3 °
Front-to-back ratio	≥35 dB	≥40 dB	≥40 dB	≥40 dB
Isolation	≥28 dB	≥28 dB	≥28 dB	≥28 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 1.7
Maximum Power	100 Watts	100 Watts	100 Watts	100 Watts
Lightning protection	DC ground	DC ground	DC ground	DC ground
Connector	2×N Female	2×N Female	2×N Female	2×N Female
Dimensions	0.6 m	0.9 m	0.9 m	1.2 m
Weight	5.5 kg	10.5 kg	10.5 kg	29 kg
Reflector	Aluminum alloy	Aluminum alloy	Aluminum alloy	
Colour	gray	gray	gray	gray
Adjustable Angle	0 ~ 20 °	0 ~ 20 °	0 ~ 20 °	0 ~ 20 °
Operating temperature	-40 ~ 60 °C	-40 ~ 60 °C	-40 ~ 60 °C	-40 ~ 60 °C
Wind Load	60 m/s	60 m/s	60 m/s	55 m/s
Mast Mount Diameter	50-75 mm	50-75 mm	50-75 mm	90-110 mm

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Antenna Model No.	YDS5158PD23VH-2×MMCXJW
Frequency Range	5150-5850 MHZ
Polarization	Vertical / Horizontal
Gain	23 dBi
Horizontal Beamwidth	9 °
Vertical Beamwidth	9 °
Front-to-back ratio	≥35 dB
Isolation	≥30 dB
Nominal Impedance	50 Ohms
VSWR	≤ 2
Maximum Power	20 Watts
Lightning protection	DC ground
Connector	2×MMCXJW
Dimensions	0.37 m
Weight	3 kg
Reflector	Aluminum alloy
Colour	gray
Adjustable Angle	0 ~ 20 °
Operating temperature	-40 ~ 70 °C
Wind Load	60 m/s
Mast Mount Diameter	35-50 mm