



Antenna Model No.	YDS5158PT14V1-RPSMAJ	YDS2458PT14V1-N(F)	YDS1718PT9X2-2N(F)	YDS1414PT9X2-2N(F)
Frequency Range	5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	1785-1805 MHZ	1447-1467 MHZ
Polarization	Vertical	Vertical	±45°	±45°
Gain	14 dBi	14 / 14 dBi	9 dBi	9 dBi
Horizontal Beamwidth	30 °	32 ° / 35 °	65 °	60 °
Vertical Beamwidth	30 °	31 ° / 30 °	55 °	55 °
Front-to-back ratio	≥25 dB	≥20 dB	≥20 dB	≥20 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	100 Watts	100 Watts
Lightning protection	DC ground		DC ground	DC ground
Connector	RPSMAJ	N Female	2×N Female	2×N Female
Lead length	3 m			
Dimensions	103×81×20 mm	280×190×25 mm	190×190×40 mm	190×190×40 mm
Weight	0.1 kg	0.8 kg	1 kg	1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 30 °		0 ~ 30 °	
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		35-50 mm	35-50 mm

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Antenna Model No.	YDS1415PT9V1-N(F)	YDS5158PT18V1-N(F)	YDS2458PT1011V1-N(F)	YDS2425PT10V1-N(F)
Frequency Range	1400-1500 MHZ	5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	9 dBi	18 dBi	10 / 11 dBi	10 dBi
Horizontal Beamwidth	65 °	20 °	60 ° / 50 °	60 °
Vertical Beamwidth	55 °	20 °	30 ° / 25 °	45 °
Front-to-back ratio	≥20 dB	≥25 dB	≥25 dB	≥20 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.8	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Lightning protection	DC ground			
Connector	N Female	N Female	N Female	N Female
Lead length			15 cm	15 cm
Dimensions	223×194×46 mm	223×194×46 mm	140×120×40 mm	140×120×40 mm
Weight	1.1 kg	1.1 kg	0.5 kg	0.5 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	-20 ~ 20 °	-20 ~ 20 °	0 ~ 30 °	0 ~ 30 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS2458PT1011V1B-N(F)	YDS2425PT14V1-U.FL	YDS2526PT14V1-N(F)	YDS5158PT18V1B-N(F)
Frequency Range	2400-2500 / 5150-5850 MHZ	2400-2500 MHZ	2515-2675 MHZ	5150-5850 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	10 / 11 dBi	14 dBi	14 dBi	18 dBi
Horizontal Beamwidth	60 ° / 50 °	30 °	30 °	20 °
Vertical Beamwidth	30 ° / 25 °	30 °	28 °	20 °
Front-to-back ratio	≥ 25 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 1.8
Maximum Power	50 Watts	20 Watts	50 Watts	50 Watts
Lightning protection		DC ground	DC ground	
Connector	N Female	U.FL	N Female	N Female
Lead length	15 cm	20 cm		
Dimensions	140×120×40 mm	280×190×25 mm	223×194×46 mm	223×194×46 mm
Weight	0.5 kg	1.3 kg	1.1 kg	1.1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 30 °	0 ~ 60 °	-20 ~ 20 °	-20 ~ 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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS5158PT18V1C-N(F)	YDS5158PT18V1D-N(F)	YDS5158PT23V1-N(F)	YDS5158PT17V1-N(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	18 dBi	18 dBi	23 dBi	17 dBi
Horizontal Beamwidth	20 °	20 °	11 °	60 °
Vertical Beamwidth	20 °	20 °	11 °	8 °
Front-to-back ratio	≥ 25 dB	≥ 25 dB	≥ 28 dB	≥ 28 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.8	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	20 Watts	20 Watts
Lightning protection		DC ground	DC ground	DC ground
Connector	N Female	N Female	N Female	N Female
Dimensions	223×194×46 mm	190×190×40 mm	306×306×25 mm	306×306×25 mm
Weight	1.1 kg	1 kg	1.4 kg	1.4 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	-20 ~ 20 °	0 ~ 30 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS900PT7V1	YDS2324PT14V1-N(F)	YDS0826PT35V1-N(F)	YDS0627PT710V1-N(F)
Frequency Range	889-960 MHZ	2300-2400 MHZ	824-960 / 1710-2690 MHZ	698-960 / 1710-2700 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	7 dBi	14 dBi	3 / 5 dBi	7 / 10 dBi
Horizontal Beamwidth	70 °	32 °	90 ° / 70 °	70 ° / 60 °
Vertical Beamwidth	60 °	32 °	80 ° / 60 °	55 ° / 45 °
Front-to-back ratio	≥18 dB	≥25 dB		
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2.5	≤ 2 / ≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Lightning protection		DC ground		
Connector	N Female	N Female	N Female	N Female
Lead length			15 cm	15 cm
Dimensions	223×194×46 mm	190×190×40 mm	140×120×40 mm	210×180×44 mm
Weight	1.1 kg	1 kg	0.5 kg	0.7 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	-20 ~ 20 °	0 ~ 30 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS900PT4RC-N(F)	YDS2425PT14V1-N(F)	YDS650PT8V1-N(F)	YDS2425PT14V1B-N(F)
Frequency Range	902-928 MHZ	2400-2500 MHZ	606-678 MHZ	2400-2500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	4 dBi	14 dBi	8 dBi	14 dBi
Horizontal Beamwidth	100 °	30 °	75 °	60 °
Vertical Beamwidth	100 °	28 °	60 °	20 °
Front-to-back ratio	≥10 dB	≥25 dB	≥18 dB	≥28 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 2.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	20 Watts
Lightning protection		DC ground	DC ground	DC ground
Connector	N Female	N Female	N Female	N Female
Lead length	15 cm	1 m		
Dimensions	125×97×30 mm	223×194×46 mm	223×194×46 mm	306×306×25 mm
Weight	0.3 kg	1.1 kg	1.1 kg	1.4 kg
Reflector	ABS	ABS	ABS	ABS
Colour	gray	White	White	White
Adjustable Angle	0 ~ 20 °	-20 ~ 20 °	-20 ~ 20 °	0 ~ 60 °
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	35-75 mm	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS1113PT9V1-N(F)	YDS1414PT9X2-2N(F)	YDS1718PT9X2B-2N(F)	YDS3436PT16V1-N(F)
Frequency Range	1150-1300 MHZ	1447-1467 MHZ	1785-1805 MHZ	3400-3600 MHZ
Polarization	Vertical	±45°	±45°	Vertical
Gain	9 dBi	9 dBi	9 dBi	16 dBi
Horizontal Beamwidth	65 °	60 °	55 °	22 °
Vertical Beamwidth	55 °	55 °	55 °	20 °
Front-to-back ratio	≥20 dB	≥20 dB	≥20 dB	≥25 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	100 Watts	100 Watts	50 Watts
Lightning protection	DC ground	DC ground	DC ground	DC ground
Connector	N Female	2×N Female	2×N Female	N Female
Dimensions	223×194×46 mm	190×190×40 mm	190×190×40 mm	223×194×46 mm
Weight	1.1 kg	1 kg	1 kg	1.1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	-20 ~ 20 °		0 ~ 30 °	-20 ~ 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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS625PT9V1-N(F)	YDS2458PT14V2-2N(F)	YDS5158PT15V1-N(F)	YDS5158PT9V1-N(F)
Frequency Range	600-650 MHZ	2400-2500 / 5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	9 dBi	14 / 14 dBi	15 dBi	9 dBi
Horizontal Beamwidth	70 °	32 ° / 35 °	60 °	65 °
Vertical Beamwidth	60 °	31 ° / 30 °	16 °	60 °
Front-to-back ratio	≥18 dB	≥20 dB	≥25 dB	≥25 dB
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
Lightning protection	DC ground			DC ground
Connector	N Female	2×N Female	N Female	N Female
Lead length				15 cm
Dimensions	223×194×46 mm	280×190×25 mm	223×194×46 mm	125×97×30 mm
Weight	1.1 kg	0.8 kg	1.1 kg	0.3 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	gray
Adjustable Angle	-20 ~ 20 °		-20 ~ 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		35-50 mm	35-75 mm

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Antenna Model No.	YDS2325PT12V1-N(F)	YDS2325PT14V1-N(F)	YDS2458PT1011V2B-2N(F)	YDS2458PT1011V1D-N(F)
Frequency Range	2300-2500 MHZ	2300-2500 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ
Polarization	Vertical	Vertical	2×Vertical	Vertical
Gain	12 dBi	14 dBi	10 / 11 dBi	10 / 11 dBi
Horizontal Beamwidth	60 °	30 °	60 ° / 50 °	60 ° / 50 °
Vertical Beamwidth	30 °	28 °	30 ° / 25 °	30 ° / 25 °
Front-to-back ratio	≥25 dB	≥25 dB	≥25 dB	≥28 dB
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
Lightning protection	DC ground	DC ground		
Connector	N Female	N Female	2×N Female	N Female
Lead length			10 cm	
Dimensions	190×190×40 mm	223×194×46 mm	140×120×40 mm	190×190×40 mm
Weight	1 kg	1.1 kg	0.5 kg	1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 30 °	-20 ~ 20 °	0 ~ 30 °	0 ~ 30 °
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	35-50 mm	35-50 mm	35-50 mm

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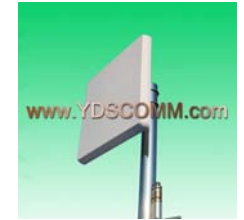
Antenna Model No.	YDS2458PT1215V1-N(F)	YDS2458PT1215V1B-N(F)	YDS2458PT1417V1-N(F)	YDS2458PT1720V1-N(F)
Frequency Range	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	12 / 15 dBi	12 / 15 dBi	14 / 17 dBi	17 / 20 dBi
Horizontal Beamwidth	45 ° / 20 °	45 ° / 20 °	40 ° / 20 °	22 ° / 11 °
Vertical Beamwidth	48 ° / 20 °	48 ° / 20 °	20 ° / 11 °	22 ° / 11 °
Front-to-back ratio	≥ 25 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB
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 Female	N Female	N Female	N Female
Dimensions	223×194×46 mm	190×190×40 mm	306×306×25 mm	306×306×25 mm
Weight	1.1 kg	1 kg	1.4 kg	1.4 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	-20 ~ 20 °	0 ~ 30 °	0 ~ 60 °	0 ~ 30 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS0827PT710V1-N(F)	YDS0825PT79V1-N(F)	YDS0825PT710V1-N(F)	YDS5158PT18V1E-N(F)
Frequency Range	800-960 / 1710-2700 MHZ	800-960 / 1710-2500 MHZ	800-960 / 1710-2500 MHZ	5150-5850 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	7 / 10 dBi	7 / 9 dBi	7 / 10 dBi	18 dBi
Horizontal Beamwidth	70 ° / 60 °	70 ° / 60 °	70 ° / 60 °	20 °
Vertical Beamwidth	55 ° / 45 °	55 ° / 45 °	55 ° / 45 °	20 °
Front-to-back ratio				≥25 dB
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
Lightning protection				DC ground
Connector	N Female	N Female	N Female	N Female
Lead length	15 cm	15 cm	15 cm	
Dimensions	210×180×44 mm	165×145×50 mm	210×180×44 mm	190×190×40 mm
Weight	0.7 kg	0.6 kg	0.7 kg	1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	0 ~ 30 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS5158PT15V1B-N(F)	YDS5158PT14V1-N(F)	YDS5158PT20V1-N(F)	YDS5158PT16V1-N(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	15 dBi	14 dBi	20 dBi	16 dBi
Horizontal Beamwidth	60 °	45 °	20 °	20 °
Vertical Beamwidth	15 °	30 °	12 °	20 °
Front-to-back ratio	≥25 dB	≥20 dB	≥28 dB	≥20 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.7	≤ 2	≤ 1.7	≤ 1.7
Maximum Power	20 Watts	50 Watts	20 Watts	50 Watts
Lightning protection	DC ground	DC ground	DC ground	
Connector	N Female	N Female	N Female	N Female
Lead length	15 cm	15 cm		15 cm
Dimensions	210×180×44 mm	125×97×30 mm	306×306×25 mm	140×120×40 mm
Weight	0.5 kg	0.3 kg	1.4 kg	0.5 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 30 °	0 ~ 20 °	0 ~ 60 °	0 ~ 30 °
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	35-75 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS5158PT16V1-N(F)	YDS5158PT20V1B-N(F)	YDS2425PT10V1B-N(F)	YDS2425PT11V1-N(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	2400-2500 MHZ	2400-2500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	16 dBi	20 dBi	10 dBi	11 dBi
Horizontal Beamwidth	20 °	15 °	110 °	90 °
Vertical Beamwidth	20 °	15 °	30 °	25 °
Front-to-back ratio	≥20 dB	≥25 dB	≥25 dB	≥23 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.7	≤ 2	≤ 1.5	≤ 1.5
Maximum Power	50 Watts	50 Watts	50 Watts	50 Watts
Lightning protection		DC ground	DC ground	DC ground
Connector	N Female	N Female	N Female	N Female
Lead length	15 cm			15 cm
Dimensions	140×120×40 mm	190×190×40 mm	223×194×46 mm	210×180×44 mm
Weight	0.5 kg	1 kg	1.1 kg	0.5 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 30 °	0 ~ 30 °	-20 ~ 20 °	0 ~ 30 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS2425PT8.5V1-N(F)	YDS2425PT12V1-N(F)	YDS2425PT11V1B-N(F)	YDS2425PT12V1B-N(F)
Frequency Range	2400-2500 MHZ	2400-2500 MHZ	2400-2500 MHZ	2400-2500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	8.5 dBi	12 dBi	11 dBi	12 dBi
Horizontal Beamwidth	85 °	60 °	60 °	45 °
Vertical Beamwidth	55 °	25 °	28 °	28 °
Front-to-back ratio	≥ 20 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB
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
Lightning protection		DC ground	DC ground	DC ground
Connector	N Female	N Female	N Female	N Female
Lead length	15 cm	15 cm		
Dimensions	125×97×30 mm	210×180×44 mm	223×194×46 mm	223×194×46 mm
Weight	0.3 kg	0.5 kg	1.1 kg	1.1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	gray	White	White	White
Adjustable Angle	0 ~ 20 °	0 ~ 30 °	-20 ~ 20 °	-20 ~ 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	35-75 mm	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS2325PT14V1B-N(F)	YDS2425PT14V1D-N(F)	YDS2425PT18V1-N(F)	YDS2325PT18V1-N(F)
Frequency Range	2300-2500 MHZ	2400-2500 MHZ	2400-2500 MHZ	2300-2500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	14 dBi	14 dBi	18 dBi	18 dBi
Horizontal Beamwidth	30 °	30 °	20 °	20 °
Vertical Beamwidth	25 °	28 °	20 °	20 °
Front-to-back ratio	≥25 dB	≥25 dB	≥28 dB	≥28 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.7
Maximum Power	50 Watts	50 Watts	20 Watts	20 Watts
Lightning protection	DC ground	DC ground	DC ground	
Connector	N Female	N Female	N Female	N Female
Lead length	15 cm			
Dimensions	210×180×44 mm	223×194×46 mm	306×306×25 mm	306×306×25 mm
Weight	0.5 kg	1.1 kg	1.4 kg	1.4 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 30 °	-20 ~ 20 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS2425PT16.5V1-N(F)	YDS1414PT9V1-N(F)	YDS900PT7V1-N(F)	YDS650PT9V1-N(F)
Frequency Range	2400-2500 MHZ	1447-1467 MHZ	890-960 MHZ	650±20 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	16.5 dBi	9 dBi	7 dBi	9 dBi
Horizontal Beamwidth	20 °	60 °	70 °	70 °
Vertical Beamwidth	20 °	55 °	60 °	60 °
Front-to-back ratio	≥28 dB	≥20 dB	≥18 dB	≥18 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 2
Maximum Power	20 Watts	100 Watts	50 Watts	50 Watts
Lightning protection	DC ground	DC ground	DC ground	DC ground
Connector	N Female	N Female	N Female	N Female
Dimensions	306×306×25 mm	190×190×40 mm	223×194×46 mm	223×194×46 mm
Weight	1.4 kg	1 kg	1.1 kg	1.1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 60 °		-20 ~ 20 °	-20 ~ 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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS440PT6V1-N(F)	YDS360PT6V1-N(F)	YDS5158PT17V3-3N(F)	YDS2323PT14V1-N(F)
Frequency Range	400-480 MHz	330-390 MHz	5150-5850 MHz	2304-2364 MHz
Polarization	Vertical	Vertical	3×Vertical	Vertical
Gain	6 dBi	6 dBi	17 dBi	14 dBi
Horizontal Beamwidth	85 °	85 °	60 °	30 °
Vertical Beamwidth	120 °	120 °	8 °	28 °
Front-to-back ratio	≥ 15 dB	≥ 15 dB	≥ 25 dB	≥ 25 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 1.5
Maximum Power	50 Watts	50 Watts	20 Watts	50 Watts
Lightning protection	DC ground	DC ground		
Connector	N Female	N Female	3×N Female	N Female
Dimensions	223×194×46 mm	223×194×46 mm	306×306×25 mm	223×194×46 mm
Weight	1.1 kg	1.1 kg	1.4 kg	1.1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	-20 ~ 20 °	-20 ~ 20 °	0 ~ 60 °	-20 ~ 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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS1414PT14V1-MMCX	YDS5158PT20V1-MMCX	YDS5158PT23V1-MMCX	YDS2425PT16.5V1-MMCX
Frequency Range	1420-1460 MHZ	5150-5850 MHZ	5150-5850 MHZ	2400-2500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	14 dBi	20 dBi	23 dBi	16.5 dBi
Horizontal Beamwidth	33 °	20 °	11 °	20 °
Vertical Beamwidth	33 °	11 °	11 °	20 °
Front-to-back ratio	≥25 dB	≥28 dB	≥28 dB	≥28 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.7	≤ 1.7	≤ 1.5
Maximum Power	50 Watts	20 Watts	20 Watts	20 Watts
Lightning protection		DC ground	DC ground	DC ground
Connector	MMCX elbow	MMCX elbow	MMCX elbow	MMCX elbow
Lead length	20 cm	20 cm	20 cm	20 cm
Dimensions	306×306×25 mm	306×306×25 mm	306×306×25 mm	306×306×25 mm
Back cavity size	180×180×31 mm	180×180×31 mm	180×180×31 mm	180×180×31 mm
Back cavity interface	1A N Expansion port+1A PG16	2A N Expansion port+1A PG16	2A N Expansion port+1A PG16	2A N Expansion port+1A PG16
Weight	2.6 kg	2.6 kg	2.6 kg	2.6 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS5158PT20V1B-MMCX	YDS2424PT14V1-MMCX	YDS2425PT16V1-MMCX	YDS2425PT18V1-MMCX
Frequency Range	5150-5850 MHZ	2400-2483 MHZ	2400-2500 MHZ	2400-2500 MHZ
Polarization	Vertical	Vertical	Vertical	Vertical
Gain	20 dBi	14 dBi	16 dBi	18 dBi
Horizontal Beamwidth	20 °	60 °	30 °	20 °
Vertical Beamwidth	12 °	25 °	25 °	20 °
Front-to-back ratio	≥25 dB	≥28 dB	≥25 dB	≥28 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 1.5	≤ 1.5	≤ 1.5
Maximum Power	20 Watts	20 Watts	20 Watts	20 Watts
Lightning protection		DC ground		DC ground
Connector	MMCX elbow	MMCX elbow	MMCX elbow	MMCX elbow
Lead length	20 cm	20 cm	20 cm	20 cm
Dimensions	320×200×100 mm	306×306×25 mm	320×200×100 mm	306×306×25 mm
Back cavity size	265×145×38 mm	180×180×31 mm	265×145×38 mm	180×180×31 mm
Back cavity interface	1A N Expansion port+1A PG16	2A N Expansion port+1A PG16	1A N Expansion port+1A PG16	2A N Expansion port+1A PG16
Weight	2 kg	2.6 kg	2 kg	2.6 kg
Reflector	ABS	ABS	ABS	ABS
Colour	gray	White	gray	White
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS900PT9RC-SMA	YDS5158PT17V3-3×MMCX
Frequency Range	902-928 MHZ	5150-5850 MHZ
Polarization	Right hand circle	3×Vertical
Gain	9 dBi	17 dBi
Horizontal Beamwidth	65 °	60 °
Vertical Beamwidth	60 °	8 °
Front-to-back ratio	≥20 dB	≥25 dB
Nominal Impedance	50 Ohms	50 Ohms
VSWR	≤ 1.3	≤ 2
Maximum Power	100 Watts	20 Watts
Lightning protection	DC ground	
Connector	SMA	3×MMCX elbow
Lead length	20 cm	20 cm
Dimensions	260×260×25 mm	306×306×25 mm
Back cavity size	180×180×31 mm	180×180×31 mm
Back cavity interface	2A N Expansion port+1A PG16	2A N Expansion port+1A PG16
Weight	2.2 kg	2.6 kg
Reflector	ABS	ABS
Colour	White	gray
Adjustable Angle	0 ~ 60 °	0 ~ 60 °
Operating temperature	-40 ~ 60 °C	-40 ~ 60 °C
Wind Load	60 m/s	60 m/s
Mast Mount Diameter	35-50 mm	35-50 mm

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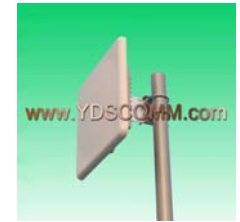
Antenna Model No.	YDS2458PT1215V2H2-4N(F)	YDS2458PT1417V2H2-4N(F)	YDS2458PT14V2H2-4N(F)	YDS2325PT12VHB-2xU.FL
Frequency Range	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2300-2500 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	12 / 15 dBi	14 / 17 dBi	14 / 14 dBi	12 dBi
Horizontal Beamwidth	45 ° / 20 °	30 ° / 30 °	30 ° / 30 °	60 °
Vertical Beamwidth	48 ° / 20 °	30 ° / 15 °	30 ° / 30 °	25 °
Front-to-back ratio	≥25 dB	≥25 dB	≥25 dB	≥20 dB
Isolation				≥20 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	20 Watts
Lightning protection				
Connector	4xN Female	4xN Female	4xN Female	2xU.FL
Lead length				9 cm
Dimensions	306x306x25 mm	306x306x25 mm	306x306x25 mm	255x110x53 mm
Weight	1.4 kg	1.4 kg	1.4 kg	0.3 kg
Reflector	ABS	ABS	ABS	
Colour	White	White	White	
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	
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	
Mast Mount Diameter	35-50 mm	35-50 mm	35-50 mm	

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Antenna Model No.	YDS2425PT14VHB-2N(F)	YDS5158PT11VH-2xSMAK	YDS5158PT11VH-2xSMAJ	YDS5158PT17V2H1-3N(F)
Frequency Range	2400-2500 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	2xVertical / Horizontal
Gain	14 dBi	11 dBi	11 dBi	17 dBi
Horizontal Beamwidth	30 °	60 °	60 °	20 °
Vertical Beamwidth	30 °	30 °	30 °	20 °
Front-to-back ratio	≥25 dB	≥25 dB	≥25 dB	≥25 dB
Isolation	≥25 dB	≥20 dB	≥20 dB	
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.5	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	50 Watts	20 Watts
Lightning protection	DC ground	DC ground	DC ground	
Connector	2xN Female	2xSMAK	2xSMAK	3xN Female
Lead length			3 m	
Dimensions	190x190x40 mm	103x81x20 mm	103x81x20 mm	306x306x25 mm
Weight	1 kg	0.1 kg	0.1 kg	1.4 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle		0 ~ 30 °	0 ~ 30 °	0 ~ 60 °
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	35-50 mm	35-50 mm

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Antenna Model No.	YDS5158PT17VH-2N(F)	YDS5158PT14VH-2×U.FL	YDS2458PT1315V2H1-3N(F)	YDS5158PT8VH-2×RPSMAJ
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	2×Vertical / Horizontal	Vertical / Horizontal
Gain	17 dBi	14 dBi	13 / 17 dBi	8 dBi
Horizontal Beamwidth	18 °	60 °	45 ° / 20 °	65 °
Vertical Beamwidth	18 °	15 °	48 ° / 20 °	55 °
Front-to-back ratio	≥28 dB	≥20 Db	≥20 dB	≥15 dB
Isolation	≥25 dB	≥20 dB		≥20 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	20 Watts	20 Watts	20 Watts	10 Watts
Lightning protection	DC ground			
Connector	2×N Female	2×U.FL	3×N Female	2×RPSMAJ
Lead length		12 cm		1 m
Dimensions	190×190×40 mm	280×119×62 mm	306×306×25 mm	80×15 mm
Weight	1 kg	0.3kg	1.4 kg	0.1 kg
Reflector	ABS		ABS	ABS
Colour	White		White	black
Adjustable Angle	0 ~ 60 °		0 ~ 60 °	
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
Mast Mount Diameter	35-50 mm		35-50 mm	

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Antenna Model No.	YDS1414PT9VH-2N(F)	YDS5158PT17VHB-2N(F)	YDS2425PT14VH-2N(F)	YDS2324PT14VH-2N(F)
Frequency Range	1410-1480 MHZ	5150-5850 MHZ	2400-2500 MHZ	2300-2400 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	9 dBi	17 dBi	14 dBi	14 dBi
Horizontal Beamwidth	60 °	18 °	30 °	32 °
Vertical Beamwidth	55 °	18 °	30 °	32 °
Front-to-back ratio	≥20 dB	≥28 dB	≥25 dB	≥25 dB
Isolation		≥25 dB	≥25 dB	≥25 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 1.5	≤ 2
Maximum Power	100 Watts	20 Watts	50 Watts	50 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	190×190×40 mm	190×190×40 mm	190×190×40 mm	190×190×40 mm
Weight	1 kg	1 kg	1 kg	1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle		0 ~ 60 °	0 ~ 30 °	0 ~ 30 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS2458PT1011VH-4N(F)	YDS2458PT1011V4H2-6N(F)	YDS5158PT20VH-2N(F)	YDS5158PT17VHC-2N(F)
Frequency Range	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical / Horizontal	4×Vertical / 2×Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	10 / 11 dBi	10 / 11 dBi	20 dBi	17 dBi
Horizontal Beamwidth	60 ° / 50 °	60 ° / 50 °	20 °	18 °
Vertical Beamwidth	30 ° / 25 °	30 ° / 25 °	12 °	18 °
Front-to-back ratio	≥25 dB	≥25 dB	≥28 dB	≥28 dB
Isolation			≥25 dB	≥25 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2 / ≤ 2.5	≤ 2 / ≤ 2.5	≤ 2	≤ 2
Maximum Power	50 Watts	50 Watts	20 Watts	20 Watts
Lightning protection			DC ground	DC ground
Connector	4×N Female	6×N Female	2×N Female	2×N Female
Dimensions	306×306×25 mm	306×306×25 mm	306×306×25 mm	190×190×40 mm
Weight	1.4 kg	1.4 kg	1.4 kg	1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS2325PT12VH-2×U.FL	YDS5158PT18VH-2×MMCXJW	YDS2458PT10VH-4N(F)	YDS2458PT1011V2-2N(F)
Frequency Range	2300-2500 MHZ	5150-5850 MHZ	2400-2500 / 5150-5850 MHZ	2400-2500 / 5150-5850 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical Horizontal / Vertical Horizontal	2×Vertical
Gain	12 dBi	18 dBi	10 / 10 dBi	10 / 11 dBi
Horizontal Beamwidth	60 °	18 °	60 ° / 60 °	60 ° / 50 °
Vertical Beamwidth	25 °	18 °	55 ° / 55 °	30 ° / 25 °
Front-to-back ratio	≥ 20 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB
Isolation	≥ 20 dB	≥ 25 dB		
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 1.5 / ≤ 2	≤ 2
Maximum Power	20 Watts	20 Watts	50 Watts	50 Watts
Lightning protection		DC ground		
Connector	2×U.FL	2×MMCXJW	4×N Female	2×N Female
Lead length	12 cm	20 cm	20 cm	10 cm
Dimensions	280×119×62 mm	250×250×25 mm	190×190×40 mm	140×120×40 mm
Weight	0.3 kg	1.2 kg	0.5 kg	0.5 kg
Reflector		ABS	ABS	ABS
Colour		White	White	White
Adjustable Angle				0 ~ 30 °
Operating temperature	-40 ~ 60 °C	-40 ~ 60 °C		-40 ~ 60 °C
Wind Load		60 m/s		60 m/s
Mast Mount Diameter			35-50 mm	35-50 mm

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Antenna Model No.	YDS1313PT13.5VH-N(F)	YDS2458PT1011V2H1-3N(F)	YDS2458PT1011V2H1B-3N(F)	YDS5158PT12V2H1-3N(F)
Frequency Range	1372-1392 MHz	2400-2500 / 5150-5850 MHz	2400-2500 / 5150-5850 MHz	5150-5850 MHz
Polarization	Vertical / Horizontal	2×Vertical / 1×Horizontal	2×Vertical / 1×Horizontal	2×Vertical / 1×Horizontal
Gain	13.5 dBi	10 / 11 dBi	10 / 11 dBi	12 dBi
Horizontal Beamwidth	35 °	60 ° / 50 °	60 ° / 50 °	90 °
Vertical Beamwidth	33 °	30 ° / 25 °	30 ° / 25 °	18 °
Front-to-back ratio	≥20 dB	≥25 dB	≥25 dB	≥20 dB
Isolation				≥28 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.7	≤ 2	≤ 2	≤ 1.8
Maximum Power	100 Watts	50 Watts	50 Watts	100 Watts
Lightning protection	DC ground			DC ground
Connector	N Female	3×N Female	3×N Female	3×N Female
Lead length	20 cm			20 cm
Dimensions	306×306×25 mm	190×190×40 mm	306×306×25 mm	190×190×40 mm
Weight	1.4 kg	1 kg	1.4 kg	1 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS5158PT14VHC-2×U.FL	YDS5158PT9VH-2N(F)	YDS5158PT23VH-2N(F)	YDS2325PT12VH-2N(F)
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ	2300-2500 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	14 dBi	9 dBi	23 dBi	12 dBi
Horizontal Beamwidth	60 °	60 °	9 °	60 °
Vertical Beamwidth	15 °	55 °	9 °	30 °
Front-to-back ratio	≥25 dB	≥20 dB	≥28 dB	≥25 dB
Isolation	≥25 dB	≥20 dB	≥30 dB	≥25 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 1.5
Maximum Power	20 Watts	50 Watts	20 Watts	50 Watts
Lightning protection			DC ground	DC ground
Connector	3×U.FL	2×N Female	2×N Female	2×N Female
Lead length	9 cm	10 cm		
Dimensions	255×110×53 mm	125×97×30 mm	380×380×33 mm	190×190×40 mm
Weight	0.3 kg	0.3 kg	1.8 kg	1 kg
Reflector		ABS	ABS	ABS
Colour		gray	White	White
Adjustable Angle		0 ~ 20 °	0 ~ 60 °	0 ~ 30 °
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
Mast Mount Diameter		35-75 mm	35-50 mm	35-50 mm

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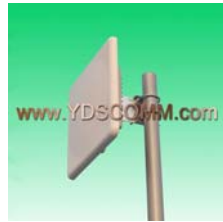
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Antenna Model No.	YDS2327PT9VH-2N(F)	YDS2325PT14VH-2N(F)	YDS580PT9VH-N(F)
Frequency Range	2300-2500 MHZ	2300-2500 MHZ	580±5 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	9 dBi	14 dBi	9 dBi
Horizontal Beamwidth	60 °	30 °	65 °
Vertical Beamwidth	55 °	30 °	60 °
Front-to-back ratio	≥ 20 dB	≥ 28 dB	≥ 18 dB
Isolation	≥ 20 dB		
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 1.7	≤ 1.7	≤ 2
Maximum Power	50 Watts	20 Watts	20 Watts
Lightning protection			
Connector	2×N Female	2×N Female	2×N Female
Lead length	10 cm		DC ground
Dimensions	125×97×33 mm	306×306×25 mm	306×306×25 mm
Weight	0.3 kg	1.4 kg	1.4 kg
Reflector	ABS	ABS	ABS
Colour	gray	White	White
Adjustable Angle	0 ~ 20 °	0 ~ 60 °	0 ~ 60 °
Operating temperature	-40 ~ 60 °C	-40 ~ 60 °C	-40 ~ 60 °C
Wind Load	60 m/s	60 m/s	60 m/s
Mast Mount Diameter	35-75 mm	35-50 mm	35-50 mm

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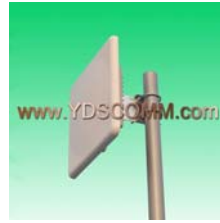
Antenna Model No.	YDS2458PT1011VH-4U.FL	YDS2425PT14VH-2U.FL	YDS5158PT17VH-2xMMCX	YDS5158PT20VH-2xMMCX
Frequency Range	2400-2500 / 5150-5850 MHZ	2400-2500 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	10 / 11 dBi	14 dBi	14 dBi	20 dBi
Horizontal Beamwidth	60 ° / 50 °	30 °	18 °	20 °
Vertical Beamwidth	30 ° / 25 °	30 °	18 °	12 °
Front-to-back ratio	≥25 dB	≥25 dB	≥28 dB	≥28 dB
Isolation		≥20 dB	≥25 dB	≥25 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2 / ≤ 2.5	≤ 2	≤ 2	≤ 2
Maximum Power	50 Watts	20 Watts	20 Watts	20 Watts
Lightning protection		DC ground	DC ground	DC ground
Connector	4xU.FL	2xU.FL	2xMMCX elbow	2xMMCX elbow
Lead length	20 cm	20 cm	20 cm	20 cm
Dimensions	306×306×25 mm	280×190×25 mm	306×306×25 mm	306×306×25 mm
Back cavity size	180×180×31 mm	185×105×30 mm	180×180×31 mm	180×180×31 mm
Back cavity interface	2A N Expansion port+1A PG16	1A N Expansion port+1A PG16	2A N Expansion port+1A PG16	2A N Expansion port+1A PG16
Weight	2.6 kg	1.3 kg	2.6 kg	2.6 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	White	White
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS5158PT14VHB-2×U.FL	YDS5158PT20V2H1-3×MMCX	YDS5158PT18VH-2×MMCX	YDS5158PT23VH-2×MMCX
Frequency Range	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ	5150-5850 MHZ
Polarization	Vertical / Horizontal	2×Vertical / Horizontal	Vertical / Horizontal	Vertical / Horizontal
Gain	14 dBi	20 dBi	18 dBi	23 dBi
Horizontal Beamwidth	65 °	20 °	20 °	9 °
Vertical Beamwidth	15 °	20 °	20 °	9 °
Front-to-back ratio	≥25 dB	≥28 dB	≥28 dB	≥28 dB
Isolation	≥20 dB	≥28 dB	≥25 dB	≥30 dB
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR	≤ 2	≤ 2	≤ 2	≤ 2
Maximum Power	20 Watts	20 Watts	20 Watts	20 Watts
Lightning protection	DC ground		DC ground	DC ground
Connector	2×U.FL	3×MMCX elbow	2×MMCX elbow	2×MMCX elbow
Lead length	20 cm	20 cm	20 cm	20 cm
Dimensions	280×190×25 mm	380×380×33 mm	320×200×100 mm	380×380×33 mm
Back cavity size	185×105×30 mm	180×180×31 mm	265×145×38 mm	180×180×31 mm
Back cavity interface	1A N Expansion port+1A PG16	2A N Expansion port+1A PG16	1A N Expansion port+1A PG16	2A N Expansion port+1A PG16
Weight	1.3 kg	3 kg	2 kg	3 kg
Reflector	ABS	ABS	ABS	ABS
Colour	White	White	gray	White
Adjustable Angle	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °	0 ~ 60 °
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	35-50 mm	35-50 mm	35-50 mm

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Antenna Model No.	YDS2425PT14VH-2×MMCX
Frequency Range	2400-2500 MHZ
Polarization	Vertical / Horizontal
Gain	14 dBi
Horizontal Beamwidth	30 °
Vertical Beamwidth	30 °
Front-to-back ratio	≥25 dB
Isolation	≥25 dB
Nominal Impedance	50 Ohms
VSWR	≤ 1.7
Maximum Power	20 Watts
Lightning protection	DC ground
Connector	2×MMCX elbow
Lead length	20 cm
Dimensions	306×306×33 mm
Back cavity size	180×180×31 mm
Back cavity interface	2A N Expansion port+1A PG16
Weight	3 kg
Reflector	ABS
Colour	White
Adjustable Angle	0 ~ 60 °
Operating temperature	-40 ~ 60 °C
Wind Load	60 m/s
Mast Mount Diameter	35-50 mm