

RADIO FREQUENCY (RF) ANTENNAS

Antenna



Arrestor



Cable Assembly



Signal Splitter



Coupler



Load



Amplifier




UP/DOWN Converter

New

Sector Antenna

2.4GHz






Model No.	APS-24015	APS-24014
Photo		
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	15 dBi	14 dBi
Power output	50 W	50 W
Polarization	Linear	Linear
VSWR	<= 2.0	<= 2.0
Front / Back Ratio	> 21 dB	> 21 dB
3dB Beam Width	E-plan 90° H-plan 17°	E-plan 120° H-plan 16°
Dimension LxWxH	500 x 162 x 62 mm	500 x 162 x 62 mm
Weight	3600 g	3600 g
Pigtail	None	None
Connector	N Female	N Female
Temperature	-45 to+85°C	-45 to+85°C
Mount	Hanged on pole	Hanged on pole
Rated Wind Speed	241Km/h	241Km/h
Directional	Y	Y

Model No.	APS-24017	APS-24016
Photo		

Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	17 dBi	16 dBi
Power output	100 W	100 W
Polarization	Linear	Linear
VSWR	<= 2.0	<= 2.0
Front / Back Ratio	> 30 dB	> 30 dB
3dB Beam Width	E-plan 90° H-plan 6.5°	E-plan 120° H-plan 6.5°
Dimension LxWxH	970 x 162 x 62 mm	970 x 162 x 62 mm
Weight	6000 g	6000 g
Pigtail	60cm	60cm
Connector	N Female	N Female
Temperature	-45 to+85°C	-45 to+85°C
Mount	Hanged on pole	Hanged on pole
Rated Wind Speed	241Km/h	241Km/h
Directional	Y	Y




Dish Antenna

5.8GHz

Model No.	AD-58023	AD-58024	AD-58029	AD-58032	AD-58034
Photo					
Frequency GHz	5.7~5.8GHz	5.7~5.8GHz	5.7~5.8GHz	5.7~5.8GHz	5.7~5.8GHz
DB gain	23 dBi	24 dBi	29 dBi	32 dBi	34 dBi
Power output	100 W	100 W	100 W	100 W	100 W
Polarization	Vertical	Vertical	Vertical	Vertical	Vertical
VSWR	<= 1.5	<= 1.5	<= 1.5	<= 1.5	<= 1.5
3dB Beam Width	9°	8°	6°	4.5°	3.6°
Front / Back Ratio	30 dB	30 dB	35 dB	36 dB	40 dB

Diameter	320 mm	437 mm	600 mm	800 mm	1000 mm
Weight	5kg	7kg	10kg	15kg	17kg
Pigtail	N	N	N	N	N
Connector	N Female	N Female	N Female	N Female	N Female
Temperature	-40 to+85°C	-40 to+85°C	-40 to+85°C	-40 to+85°C	-40 to+85°C
Mount	Hanged on pole	Hanged on pole	Hanged on pole	Hanged on pole	Hanged on pole
Directional	Y	Y	Y	Y	Y
Pattern Test Report	Report				

5.6GHz

Model No.	AD-56023	AD-56024	AD-56029
Photo			
Frequency GHz	5.47~5.725GHz	5.47~5.725GHz	5.47~5.725GHz
DB gain	23 dBi	24 dBi	29 dBi
Power output	100 W	100 W	100 W
Polarization	Vertical	Vertical	Vertical
VSWR	<= 1.5	<= 1.5	<= 1.5
3dB Beam Width	9°	8°	6°
Front / Back Ratio	30 dB	30 dB	35 dB
Diameter	320 mm	437 mm	600 mm
Weight	5kg	7kg	10kg
Pigtail	N	N	N
Connector	N Female	N Female	N Female
Temperature	-40 to+85°C	-40 to+85°C	-40 to+85°C
Mount	Hanged on pole	Hanged on pole	Hanged on pole
Directional	Y	Y	Y
Pattern Test Report	Report		

Model No.	AD-56032	AD-56034
Photo		
Frequency GHz	5.47~5.725GHz	5.47~5.725GHz
DB gain	32 dBi	34 dBi
Power output	100 W	100 W
Polarization	Vertical	Vertical
VSWR	<= 1.5	<= 1.5
3dB Beam Width	4.5°	3.6°
Front / Back Ratio	36 dB	40 dB
Diameter	800 mm	1000 mm
Weight	15kg	17kg
Pigtail	N	N
Connector	N Female	N Female
Temperature	-40 to+85°C	-40 to+85°C
Mount	Hanged on pole	Hanged on pole
Directional	Y	Y
Pattern Test Report		

2.4GHz

Model No.	AD-24021	AD-24024	AD-24026
Photo			
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	21.3 dBi	24 dBi	26 dBi
Power output	100 W	100 W	100W
Polarization	Linear	Linear	Linear
VSWR	<= 1.5	<= 1.5	<= 1.5
Front / Back Ratio	31 dB	32 dB	35 dB
3dB Beam Width	14.6°	11°	8.8°

Diameter	600 mm	800 mm	1000 mm
Weight	10 kg	15 kg	17 kg
Pigtail	N	N	N
Connector	N Female	N Female	N Female
Temperature	-40 to+85°C	-40 to+85°C	-40 to+85°C
Mount	Hanged on pole	Hanged on pole	Hanged on pole
Directional	Y	Y	Y

Grid Antenna

Features:

1. Die casting process with high density Al, Mg Alloy for **Military** standard
2. Combination place is stronger than other company.
3. Holder make by thick steel plate.
4. Easily to change the angle with adjustable holder.
5. Thick and strong carton package avoiding damage.





2.4GHz

Model No.	AG-24024	AG-24027	AG-24030
Photo			
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	24 dBi	27 dBi	30 dBi
Power output	50 W	50 W	50 W
Polarization	Linear	Linear	Linear
VSWR	≤ 2.0	≤ 2.0	≤ 2.0
Front / Back Ratio	> 30 dB	> 30 dB	> 35 dB
3dB Beam Width	E-plan 9° H-plan 11°	E-plan 7.3° H-plan 7.3°	E-plan 4.7° H-plan 4.7°





Dimension LxW	1000 x 600mm	1200 x 1200mm	1800 x 1800mm
Weight	5 kg	31 kg	65 kg
Connector	N Female	N Female	N Female
Temperature	-40 to+85°C	-40 to+85°C	-40 to+85°C
Mount	Hanged on pole	Hanged on pole	Hanged on pole
Directional	Y	Y	Y

Omni Directional Antenna





5.15~5.35GHz.....**new!!!**

Model No.	AO-52008	AO-52010	AO-52012	AO-52015
Photo				
Frequency GHz	5.15~5.35GHz	5.15~5.35GHz	5.15~5.35GHz	5.15~5.35GHz
DB gain	8 dBi	10 dBi	12 dBi	15 dBi
Power output	100 W	100 W	100 W	100W
Polarization	Vertical	Vertical	Vertical	Vertical
VSWR	<= 2.0	<= 2.0	<= 2.0	<= 2.0
3dB Beam Width	E-plan 16° H-plan 360°	E-plan 13° H-plan 360°	E-plan 10° H-plan 360°	E-plan 7° H-plan 360°
Dimension Phi x L	24 x 370 mm	24 x 530mm	24 x 620 mm	50 x 820 mm
Weight	200 g	320 g	450 g	600 g
Pigtail	N	N	N	N
Connector	N Female	N Female	N Female	N Female
Temperature	-20 to+80°C	-20 to +80°C	-20 to +80°C	-20 to +80°C
Wind Survival	150 MPH	150 MPH	150 MPH	150 MPH
Humidity	40%~60% RH	40%~60% RH	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole	Hanged on pole	Hanged on pole
Directional	N	N	N	N

5.47~5.725GHz.....new!!!





Model No.	AO-56008	AO-56010	AO-56012	AO-56015
Photo				
Frequency GHz	5.47~5.725GHz	5.47~5.725GHz	5.47~5.725GHz	5.47~5.725GHz
DB gain	8 dBi	10 dBi	12 dBi	15 dBi
Power output	100 W	100 W	100 W	100W
Polarization	Vertical	Vertical	Vertical	Vertical
VSWR	<= 2.0	<= 2.0	<= 2.0	<= 2.0
3dB Beam Width	E-plan 16° H-plan 360°	E-plan 13° H-plan 360°	E-plan 10° H-plan 360°	E-plan 7° H-plan 360°
Dimension Phi x L	24 x 370 mm	24 x 530mm	24 x 620 mm	50 x 820 mm
Weight	200 g	320 g	450 g	600 g
Pigtail	N	N	N	N
Connector	N Female	N Female	N Female	N Female
Temperature	-20 to +80°C	-20 to +80°C	-20 to +80°C	-20 to +80°C
Wind Survival	150 MPH	150 MPH	150 MPH	150 MPH
Humidity	40%~60% RH	40%~60% RH	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole	Hanged on pole	Hanged on pole
Directional	N	N	N	N

5.7~5.8GHz.....new!!!

Model No.	AO-58008	AO-58010	AO-58012	AO-58015
Photo				
Frequency GHz	5.7~5.8GHz	5.7~5.8GHz	5.7~5.8GHz	5.7~5.8GHz
DB gain	8 dBi	10 dBi	12 dBi	15 dBi
Power output	100 W	100 W	100 W	100W

Polarization	Vertical	Vertical	Vertical	Vertical
VSWR	<= 2.0	<= 2.0	<= 2.0	<= 2.0
3dB Beam Width	E-plan 16° H-plan 360°	E-plan 13° H-plan 360°	E-plan 10° H-plan 360°	E-plan 7° H-plan 360°
Dimension Phi x L	24 x 370 mm	24 x 530mm	24 x 620 mm	50 x 820 mm
Weight	200 g	320 g	450 g	600 g
Pigtail	N	N	N	N
Connector	N Female	N Female	N Female	N Female
Temperature	-20 to+80°C	-20 to +80°C	-20 to +80°C	-20 to +80°C
Wind Survival	150 MPH	150 MPH	150 MPH	150 MPH
Humidity	40%~60% RH	40%~60% RH	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole	Hanged on pole	Hanged on pole
Directional	N	N	N	N

2.4 GHz

Model No.	AF-005	AF-006	AF-008	AF-015
Photo				
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	6 dBi	8 dBi	10 dBi	12 dBi
Power output	50 W	50 W	50 W	50 W
Polarization	Vertical	Vertical	Vertical	Vertical
VSWR	<= 2.0	<= 2.0	<= 2.0	<= 2.0
3dB Beam Width	E-plan 25° H-plan 360°	E-plan 20° H-plan 360°	E-plan 10° H-plan 360°	E-plan 9° H-plan 360°
Dimension Phi x L	24 x 455 mm	24 x 560 mm	24 x 810 mm	24 x 1050 mm
Weight	360 g	400 g	500 g	600 g
Pigtail	N	N	N	N
Connector	N Female	N Female	N Female	N Female

Temperature	-20 to +80°C	-20 to +80°C	-20 to +80°C	-20 to +80°C
Humidity	40%~60% RH	40%~60% RH	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole	Hanged on pole	Hanged on pole
Directional	N	N	N	N
Pattern Test Report		Report		

Model No.	AF-009	AF-010
Photo		
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	15 dBi	15 dBi
Power output	50W	50 W
Polarization	Vertical	Vertical
VSWR	<= 2.0	<= 2.0
3dB Beam Width	E-plan 8° H-plan 360°	E-plan 8° H-plan 360°
Dimension Phi x L	50 x 1030 mm	24 x 1420 mm
Weight	700 g	800 g
Pigtail	N	N
Connector	N Female	N Female
Temperature	-20 to +80°C	-20 to +80°C
Humidity	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole
Directional	N	N

Panel Antenna



5.8GHz

Model No.	AP-58017
Photo	
Frequency GHz	5.7~5.8GHz
DB gain	17 dBi
Power output	30W
Polarization	Linear
VSWR	<= 2.0
3dB Beam Width	E-plan 25° H-plan 25°
Dimension LxWxH	360x360x23 mm
Weight	800 g
Pigtail	N
Connector	N Female
Temperature	-20 to +80°C
Mount	Hanged on pole
Directional	Y





2.4GHz

Model No.	AP-24014	APL-24015	APL-24018
Photo			
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	14 dBi	18 dBi	18 dBi
Power output	30W	50 W	50 W
Polarization	Linear	Linear	Linear

VSWR	<= 2.0	<= 2.0	<= 2.0
3dB Beam Width	E-plan 35° H-plan 35°	E-plan 65° H-plan 20°	E-plan 42° H-plan 9.5°
Dimension LxWxH	360x360x23 mm	500 x 160 x 74 mm	1000 x 160 x 74 mm
Weight	800 g	3600 g	7200 g
Pigtail	N	N	N
Connector	N Female	N Female	N Female
Temperature	-20 to +80°C	-45 to +85°C	-45 to +85°C
Mount	Hanged on pole	Hanged on pole	Hanged on pole
Directional	Y	Y	Y
			

Model No.	APR-24013	APR-24015
Photo		
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	13 dBi	16 dBi
Power output	30 W	30 W
Polarization	Linear	Linear
VSWR	<= 2.0	<= 2.0
3dB Beam Width	E-plan 64° H-plan 68°	E-plan 35° H-plan 42°
Diameter	450 mm	190 mm
Weight	4200 g	6000 g
Pigtail	N	N
Connector	N Female	N Female

Temperature	-45 to+85°C	-45 to +85°C
Mount	Hanged on pole	Hanged on pole
Directional	Y	Y




Model No.	APT-240121	APT-2403-1	APT-2403-2
Photo			
			
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	12 dBi	3 dBi	3 dBi
Power output	30 W	30 W	30W
Polarization	Linear	Linear	Linear
VSWR	<= 2.0	<= 2.0	<= 2.0
3dB Beam Width	E-plan 45° H-plan 45°	E-plan 45° H-plan 45°	E-plan 45° H-plan 45°
Diameter	180 mm	180 mm	180 mm
Weight	900 g	500 g	500 g
Pigtail	N	Y	N
Connector	N Female	N Female	N Female
Temperature	-45 to+85°C	-20 to +80°C	-20 to +80°C
Mount	Hanged on pole	Hanged on pole	Hanged on pole
Directional	Y	Y	Y

Model No.	AG-031	AG-034
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Photo		
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	8 dBi	18 dBi
Power output	30 W	30W
Polarization	Linear	Linear
VSWR	<= 2.0	<= 2.0
3dB Beam Width	E-plan 64° H-plan 68°	E-plan 17° H-plan 17°
Dimension LxWxH	110x85x36 mm	360x360x23 mm
Weight	290 g	2400 g
Pigtail	N	N
Connector	N Female	N Female
Temperature	-20 to+80°C	-20 to +80°C
Mount	Hanged on pole	Hanged on pole
Directional	Y	Y
Pattern Test Report	Report	Report

Yagi Antenna

2.4GHz


Model No.	AP-056	AP-057	AP-047
Photo			
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	8 dBi	10 dBi	12 dBi
Power output	30 W	30 W	30 W
Polarization	Linear	Linear	Linear
VSWR	<= 2.0	<= 2.0	<= 2.0
3dB Beam Width	E-plan 54°	E-plan 44°	E-plan 38°

	H-plan 72°	H-plan 56°	H-plan 37°
Dimension LxWxH	190x125x75 mm	270x125x75 mm	440x125x75 mm
Weight	500 g	540 g	625 g
Pigtail	RG58U 30cm	RG58U 30cm	RG58U 30cm
Connector	N Female	N Female	N Female
Temperature	-20 to +80°C	-20 to +80°C	-20 to +80°C
Humidity	40%~60% RH	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole	Hanged on pole
Directional	Y	Y	Y
Pattern Test Report		Report	

Model No.	AP-058	AP-059
Photo		
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	15 dBi	18 dBi
Power output	30 W	30 W
Polarization	Linear	Linear
VSWR	<= 2.0	<= 2.0
3dB Beam Width	E-plan 28 ° H-plan 28°	E-plan 23 ° H-plan 24°
Dimension LxWxH	640x125x75 mm	840x125x75 mm
Weight	725 g	800 g
Pigtail	RG58U 30cm	RG58U 30cm
Connector	N Female	N Female
Temperature	-20 to +80°C	-20 to +80°C
Humidity	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole
Directional	Y	Y





Desktop Antenna





2.4GHz

Model No.	ADTA2401SMAR	ADTA2402SMAR
Photo		
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	2 dBi	4~5 dBi
Power output	30 W	30 W
Polarization	Linear	Linear
VSWR	<= 2.0	<= 2.0
3dB Beam Width	E-plan 76° H-plan 360°	E-plan 68° H-plan 360°
Dimension LxWxH	105 x 35 mm	105 x 35 mm
Weight	500 g	700 g
Pigtail	RG174 60cm	RG174 60cm
Connector	SMA Male RP	SMA Male RP
Temperature	-20 to+80°C	-20 to+80°C
Humidity	40%~60% RH	40%~60% RH
Mount	Hanged on pole	Hanged on pole
Directional	N	N



Dipole Antenna

Model No.	A-2401	A-2402	A-2403	A-2404
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Photo				
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	2 dBi	3~4 dBi	2 dBi	2 dBi
Power output	2 W	3 W	3 W	2 W
Polarization	Vertical	Vertical	Vertical	Vertical
VSWR	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0
3dB Beam Width	E-plan 30° H-plan 360°	E-plan 25° H-plan 360°	E-plan 30° H-plan 360°	E-plan 30° H-plan 360°
Dimension Phi x L	10 x 108.5 mm	10 x 194mm	11 x 108 mm	16.6 x 106 mm
Weight	10.5 g	14 g	26 g	14 g
Pigtail	N	N	N	N
Connector	SMA Male	SMA Male	SMA Male	SMA Male
Temperature	-20 to +80°C	-20 to +80°C	-20 to +80°C	-20 to +80°C
Humidity	40%~60% RH	40%~60% RH	40%~60% RH	40%~60% RH
Directional	N	N	N	N
Pattern Test Report				

Model No.	A-2405	A-2406	A-2407	A-2408
Photo				
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	2 dBi	2 dBi	2 dBi	2 dBi
Power output	2 W	2 W	2 W	2 W
Polarization	Vertical	Vertical	Vertical	Vertical
VSWR	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0
3dB Beam Width	E-plan 30° H-plan 360°	E-plan 30° H-plan 360°	E-plan 30° H-plan 360°	E-plan 30° H-plan 360°
Dimension Phi x L	16.6 x 106 mm	13 x 75 mm	10.6 x 89 mm	9.3 x 108mm

Weight	6 g	8 g	8.5 g	14 g
Pigtail	Y	N	N	N
Connector	N / A	N Female	N Female	SMA Male
Temperature	-20 to +80°C	-20 to+80°C	-20 to+80°C	-20 to+80°C
Humidity	40%~60% RH	40%~60% RH	40%~60% RH	40%~60% RH
Directional	N	N	N	N
Pattern Test Report				

Model No.	A-2409	A-2410
Photo		
Frequency GHz	2.4~2.5GHz	2.4~2.5GHz
DB gain	4 dBi	2 dBi
Power output	2 W	2 W
Polarization	Vertical	Vertical
VSWR	<= 2.0	<= 2.0
3dB Beam Width	E-plan 25° H-plan 360°	E-plan 30° H-plan 360°
Dimension Phi x L	12.9 x 165 mm	10.6 x 89 mm
Weight	33 g	8.5 g
Pigtail	N	Mini Coaxial
Connector	SMA Male	Herose
Temperature	-20 to+80°C	-20 to+80°C
Humidity	40%~60% RH	40%~60% RH
Directional	N	N
Pattern Test Report		