

# Antennas comparative chart



MODEL	CPN	RFK	QAF	HGPA	RFX	RFX-D (detachable)	DY2	DY3	HP-D	2H-V
Type	Curved Dipole	Double Folded Dipole	Double Crossed Dipole	Four Dipole Panel	Half-Wave Dipole	Half-Wave Dipole	2-Elements Yagi	3-Elements Yagi	One Dipole Panel	Two Dipole Panel
Polarization	Circular	Circular	Circular	Circular	Vertical/Horizontal	Vertical/Horizontal	Vertical/Horizontal	Vertical/Horizontal	Vertical/Horizontal	Vertical
Horizontal Pattern	Omnidirectional	Omnidirectional	Directional	Directional	Omnidirectional	Omnidirectional	Semi-Directional	Directional	Directional	Directional
Connectors	N, DIN 7/16	DIN 7/16, EIA 7/8"	DIN 7/16, EIA 7/8"	EIA 7/8", 1+5/8", 3+1/8"	N, DIN 7/16, EIA 7/8"	N, DIN 7/16, EIA 7/8"	DIN 7/16, EIA 7/8"	DIN 7/16, EIA 7/8"	DIN 7/16, EIA 7/8"	DIN 7/16, EIA 7/8"
Max Power (depend on connector)	600 W, 1.2 kW	600 W, 2.0 kW, 5.2 kW	2.0 kW, 5.2 kW	5.2 kW, 12 kW, 20 kW	600 W, 2.0 kW, 5.2 kW	600 W, 2.0 kW, 5.2 kW	2.0 kW, 5.2 kW	2.0 kW, 5.2 kW	2.0 kW, 5.2 kW	2.0 kW, 5.2 kW
Frequency range	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz	87.5-108 MHz
Bandwidth	± 0.5 MHz (tunable)	Broadband	Broadband	Broadband	Broadband	Broadband	Broadband	Broadband	Broadband	Broadband
Gain (referred to half wave dipole)	0.2 dB	- 1.5 dB	2.7 dB	7.8 dB	2.1 dB	2.1 dB	2.8 dB	5.2 dB	4.5 dB	7.5 dB
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless/hdg steel
Weight	3.5 Kg	8.3 Kg	24 Kg	90 Kg	3.5 Kg	4 Kg	7 Kg	10.5 Kg	18 Kg	67 Kg
Detachable for easy shipment	YES	YES	YES	YES	NOT	YES	YES	YES	YES	YES