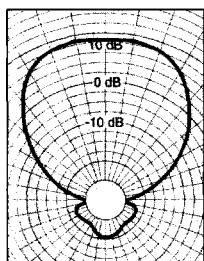
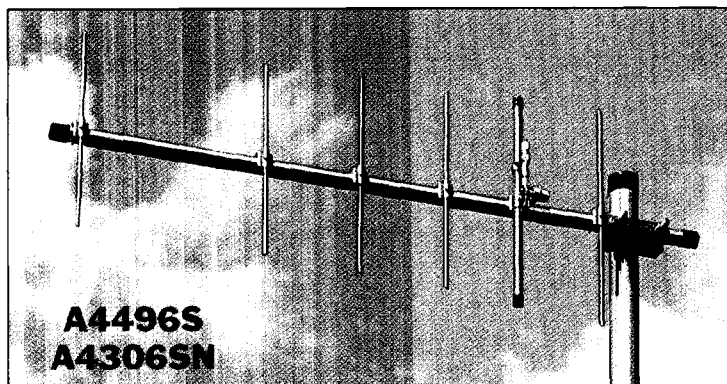
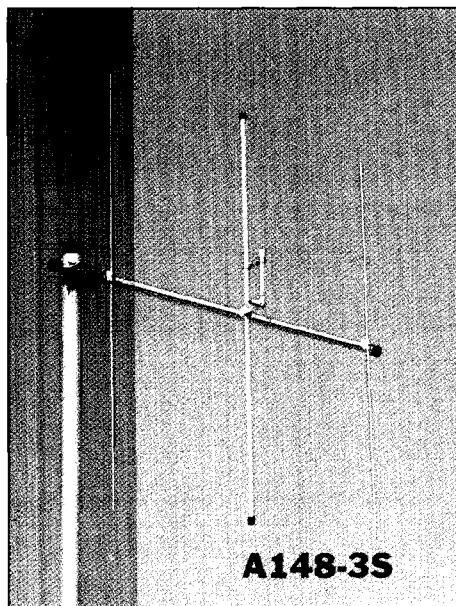


A148-10S



A148-3S



Performance and Value Leaders

A14810S and A1483S are the newest computer optimized models of our 2 meter Yagis. We have improved both the pattern and gain of these antennas to give you better FM coverage. They have direct 50 Ohm Reddi-Match with SO239 connector and stainless steel hardware. The A14410SN, A4306SN, and A43011SN include N-connectors.

A1483S is the low priced quality leader for Packet, FM or even portable use. It is easily rear mounted.

A14810S is one of our best value designs with excellent gain and front-to-back ratio. Use it for long range FM or full band 2 meter operation.

For even higher gain the all new A14820S is a complete antenna array with two ten element Yagis, stacking frame, harness and stainless steel hardware.

Model	A1483S	A14810S	A14820S	A14410SN
Frequency, MHz	144-148	144-148	144-148	144-146
No. Elements	3	10	20	10
Forward Gain, dBd	7.8	13.2	16.2	13.2
Front to Back Ratio, dB	25	24	24	24
SWR 1.2:1 Typical				
2:1 Bandwidth, MHz	>5	≥4	≥4	≥4
Power Rating, Watts PEP	1000	1000	1000	1000
3dB Beamwidth, Degrees				
E Plane	66	40	20	40
H Plane	108	46	46	46
Boom Length, ft (meters)	2.8 (.85)	12(3.6)	12 (3.6)	12 (3.6)
Longest Element, in (cm)	41 (104.1)	40.3 (102.4)	40.3 (102.4)	40.3 (102.4)
Turning Radius, ft (m)	2.8 (.8)	6 (1.8)	6.6 (2.0)	6 (1.8)
Mast Size Range, in (cm)	1.25-2.0 (3.2-5.1)	1.25-2.0 (3.2-5.1)	1.25-2.0 (3.2-5.1)	1.25-2.0 (3.2-5.1)
Wind Load, ft ² (m ²)	0.27 (0.02)	1.21 (0.11)	2.82 (0.26)	1.21 (0.11)
Weight, lb (kg)	1.5 (0.7)	6 (2.7)	15 (6.8)	6 (2.7)

MODEL	A4496S	A44911S	A4306SN	A43011SN
Frequency, MHz	440-450	440-450	430-440	430-440
No. Elements	6	11	6	11
Forward Gain, dBd	10.5	13.2	10.5	13.2
Front to Back Ratio, dB	18	20	18	20
SWR 1.2:1 Typical				
2:1 Bandwidth, MHz	>10	>10	>10	>10
Power Rating, Watts PEP	350	350	350	350
3dB Beamwidth, Degrees				
E Plane	60	48	60	48
Boom Length, ft (m)	2.9 (0.89)	4.2 (1.35)	2.9 (0.89)	4.2 (1.35)
Longest Element, in (cm)	13 (33)	13 (33)	13 (33)	13 (33)
Turning Radius, ft (m)	2.9 (.89)	2.8 (.85)	2.9 (.89)	2.8 (.85)
Mast Size Range, in (cm)	1.25-2.0 (3.2-5.1)	1.25-1.5 (3.2-3.8)	1.25-2.0 (3.2-5.1)	1.25-1.5 (3.2-3.8)
Wind Load, ft ² (m ²)	0.30 (0.03)	0.39 (0.04)	0.30 (0.03)	0.39 (0.04)
Weight, lb (kg)	3 (1.4)	4 (1.8)	3 (1.4)	4 (1.8)

Stacking Kits

Our VPK stacking kits for the antennas above are supplied complete with mounting boom, harness, and hardware.

Antenna	Frequency MHz	Complete Kit	Harness Only
A1483S	144.5-148	A14VPKS	A14SK
A14810S	144.5-148	A148VPKS	A148SK
A4496S	440-450		A449SK
A44911S	440-450	A449VPKS	A449SK