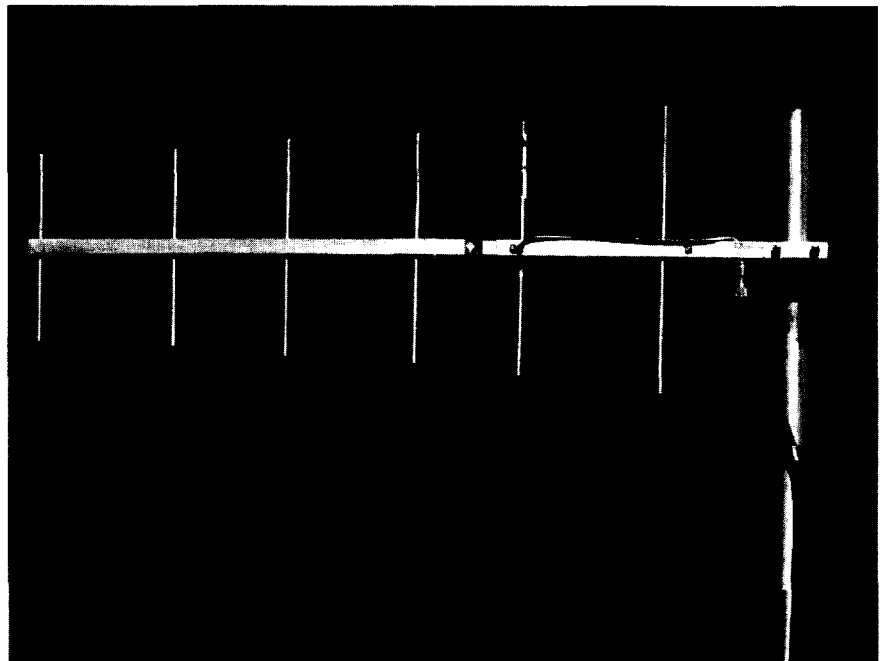


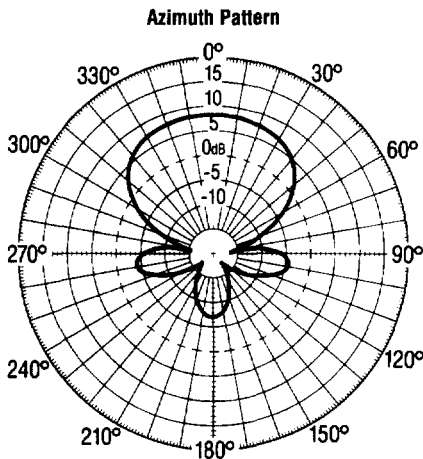
DB432 is a light duty Yagi for 450-470 MHz.

- **Key Applications** – Excellent for control or point-to-point communications, also well suited for temporary or portable use.
- **Unique Mounting** – Permits rapid azimuth orientation.
- **Sturdy Construction** – Support boom and elements are made of high strength aluminum alloys, mounting brackets and hardware of galvanized or stainless steel.
- **Lightning Resistant** – Protection provided by direct ground.

Ordering Information – Order DB432-A for 450-470 MHz. Clamp is included. Order jumper cable separately, if desired.



DB432



Electrical Data	
Frequency Range – MHz	A = 450-470
Bandwidth – MHz	20
VSWR	1.5 to 1 or less
Nominal impedance – ohms	50
Forward gain (over half-wave dipole) – dBd	8
Beamwidth "E" Plane (half power)	50°
Beamwidth "H" Plane (half power)	70°
Polarization	Vertical
Maximum power input – watts	100
Lightning protection	Direct ground
Standard Termination	Captive Type N-Female

Mechanical Data	
Support boom	Aluminum
Elements	Aluminum
Maximum exposed area (flat plate equivalent) – ft ² (m ²)	.3 (.028)
Lateral thrust at 100 mph (161 kph) – lbf (N)	12 (53.4)
Wind rating:*	
Survival without ice – mph (km/hr)	125 (201)
Survival with .5" (12.7 mm) radial ice – mph (km/hr)	90 (145)
Dimensions (WxH) – in. (mm)	36 (914.4)x14 (355.6)
Net weight – lbs. (kg)	5 (2.27)
Shipping weight – lbs. (kg)	8 (3.63)
Mounting brackets	Galvanized steel

*Calculation of wind survivability does not include damage due to flying debris.