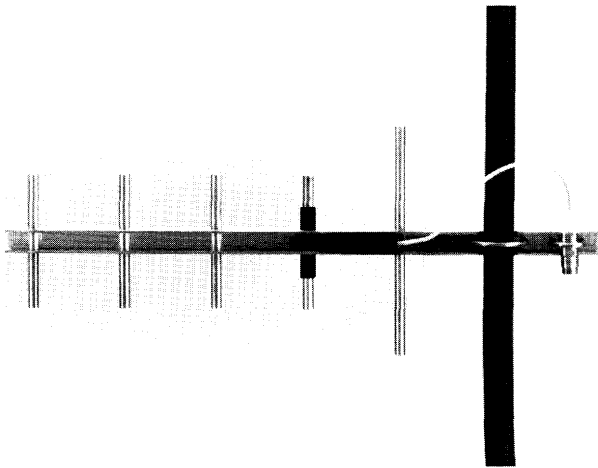


Base Station Antennas

Cellular Yagi Antennas 825 - 895 MHz



Single array

- Broad bandwidth and high gain efficiency
- Easy to Install; all hardware included
- DC grounded for maximum lightning protection
- Balun fed elements provide maximum performance

The cellular Yagi antennas have been designed for point-to-point signal transfer, and for filling in system areas with poor coverage. They are ideal for remote locations such as construction sites, warehouses, parking garages, farms and remote cabins.

The antennas are available in 6 dBd or 9 dBd versions. The 6 dBd antenna is a 3 element Yagi, and the 9 dBd model utilizes 5 elements. These balun fed antennas offer optimum gain performance and efficiency. They

provide excellent bandwidth characteristics and discriminating front-to-back ratio.

These antennas are constructed of aluminum, with the elements welded for strength and proper electrical transfer. The aluminum is further coated with a protective Ultraviolet resistant polyester, providing long term reliability. The balun-feed assembly is contained in a protective ABS plastic enclosure for increased field reliability. The Yagi antennas terminate in either a TNC connector or N type connectors.

The Yagi antennas are very simple to install, they can be set up by one person. All mounting hardware is provided to attach the antenna to a mast or pole. The mounting hardware will accommodate a mast diameter (outside diameter) up to a maximum of 2 inches.

Model Numbers

	TNC Connector	N Connector
Yagi, 6 dBd	YAG6-900T	YAG6-900N
Yagi, 9 dBd	YAG9-900T	YAG9-900N

Special frequencies including SMR/Trunking also available, please consult factory.

Specifications

Frequency:	825-895 MHz	Material:	Polymer coated aluminum & stainless steel hardware
Gain:	see above	Connector:	Type N Female or TNC
Bandwidth @ 2:1:	70 MHz	Dimensions:	
Nominal Impedance:	50 ohms	6 dBd model	15" L x 10" W max
Polarization:	Vertical	9 dBd model	21" L x 10" W max
Front-to-back ratio:	15 dB	Net Weight::	3 lbs (1.3 kg)
Input Power:	300 watts	Mounts to Pipe O.D.:	3/4 in (2cm) to 2 in (5cm)
Beamwidth:		Wind Survival:	100 mph (160 km/h)
6 dbd model	60° vertical, 100° horizontal		
9 dbd model	50° vertical, 50° horizontal		