

Y102B-130V / Y103B-400

Rugged Yagi Antennas



Y102B-130V



Y103B-400

RUGGED YAGI ANTENNAS

Models 102B-130V & Y103B-400

TACO's Y Series antennas are designed for 2-way voice and data communications for ground to ground and ground to air communications. By using multiple driven elements they achieve high gain levels throughout their entire bandwidth. Their typical operational band covers a frequency range that would require as many as 3 standard Yagis.

The vertically polarized Y102B-130V includes a fiberglass mast fitted with coupling that center mounts to standard tower masts.

Crafted from high strength aluminum, they utilize stainless steel hardware for excellent corrosion resistance. Each unit is furnished with an integrated 50 Ohm N-Female connector, and is capable of mounting to a mast range of 1.5" to 3"OD.

SPECIFICATIONS

MODEL	Y102B-130V	Y103B-400
FREQUENCY (MHz)	118-137	360-440
GAIN (dBi)	11.2	12.0
VSWR (Max)	2:1	2:1
HPBW (°)	E-Plane	50
	H-Plane	65
POWER (Watts)	280	140
NUMBER OF DRIVEN ELEMENTS	2	2
LENGTH (in)	102.6	55.2
WIDTH (in)	50.0	17.25
WEIGHT (lbs)	22	7
POLARIZATION	VERTICAL	HORIZONTAL
FIBREGLASS MAST LENGTH (in)	52.6	N/A