

# WSA-0520

## Genetic Broadband Field Sensor



### DESCRIPTION

The WSA-0520 encases (2) genetic antennas in one housing, optimizing it for dual-band applications.

It operates at frequencies from 50 to 500 MHz as well as 500 to 2000 MHz.

The antenna is able to receive vertical, horizontal, RHCP and LHCP polarized signals equally.

Ideal for field-sensing and signal environment monitoring applications.



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### SPECIFICATIONS

#### ELECTRICAL

Frequency Band	50 MHz to 2000 MHz
VSWR	< 4.0 : 1
Polarization	Left-Hand or Right-Hand Circular Horizontal or Vertical, Linear
Gain	+8 dBi to +12 dBi
Power	25+ Watts CW
Ground Plane	Ground Plane Independent
Connector	SMA Female

#### MECHANICAL

Weight	13.2 lbs (5.94 kg)
Dimensions	24 " L x 10.5" Dia. (61 cm L x 26.7 cm Dia.)
Mounting	Available Upon Request
Finish (Default)	F63W12 White Polyurethane Enamel