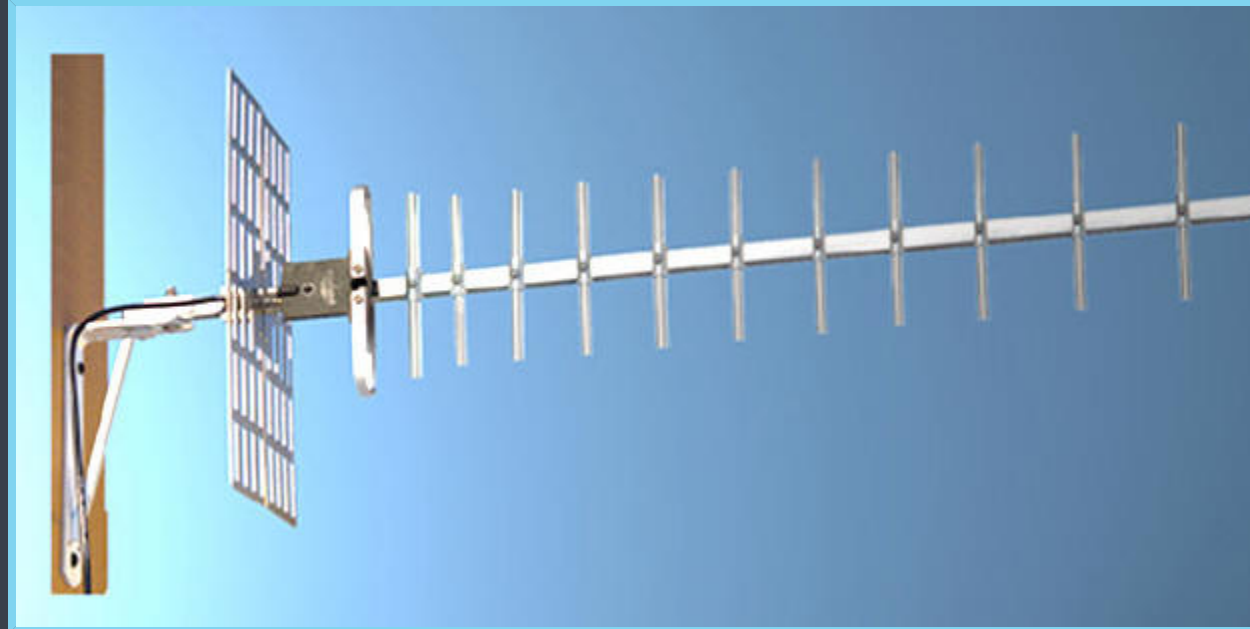




# Security Camera World

Security you can count on

## Avalan 900 MHz, 15 dBi Yagi Antenna



**AW15 Price: \$130.20**

- High gain for greater network operating range
- Includes wall mounting bracket
- Includes 10" RPTNC pigtail
- Resistant to extreme climatic conditions

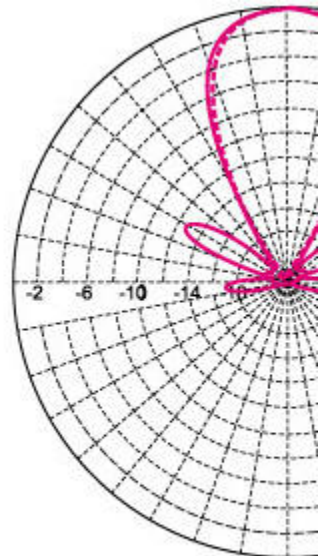
Tested according to standards: IEC68-2-1:Ab/Ad  
IEC68-2-2:Bb/Bd  
IEC68-2-14:Na  
IEC68-2-56:Cb  
IEC68-2-11:Ka

### SHIPPING DATA

Package weight	1270 g
Package dimensions	1015x170x70 mm

### OPTIONAL ACCESSORIES

Matching low-loss cable with  
FME-connectors



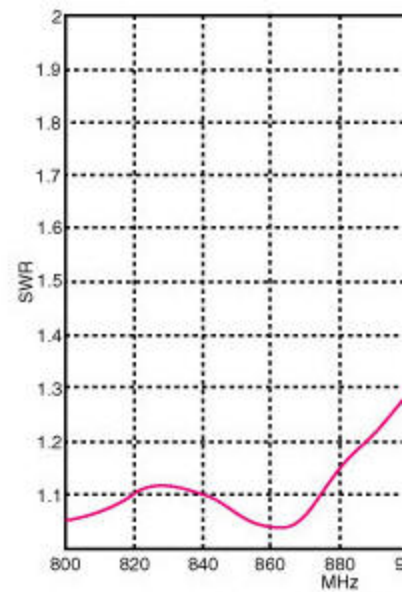
Typical radiation pattern

## MECHANICAL DATA

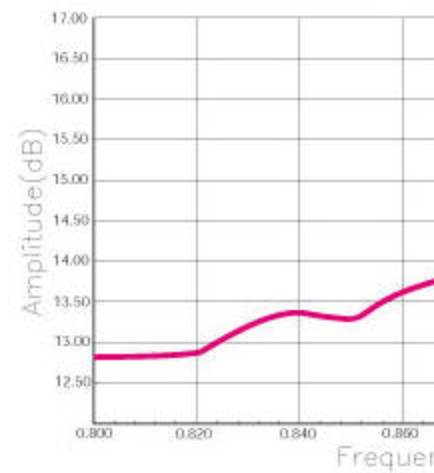
Support boom material	Aluminium alloy
Element material	Aluminium alloy
Reflector material	Aluminium alloy
Antenna dimensions	1005x320x175 mm
Antenna weight	950 g
Mounting bracket weight	355 g
Maximum wind speed	30 m/s
Flat plate equivalent	0.07 m <sup>2</sup>
Ambient temperature	-40°C - +70°C
Ambient humidity	max 98%

## ELECTRICAL DATA

Frequency range	800-960 MHz
Nominal impedance	50 Ω
Gain See figure at right	15 dBi @ 915 MHz
VSWR	< 2:1
F/B ratio	>20 dB
Maximum input power	6 W
Polarization	Vertical
Connector type	FME-m



Typical VSWR



Typical gain