

# ASA-174/5R

## FIBER GLASS OMNIDIRECTIONAL VHF ANTENNA

The ASA-174/5R is a fiberglass radome, omnidirectional collinear antenna for use in fixed base systems or radiocommunication repeaters.

The antenna has 5.15dBi gain and was designed to be extremely robust, with its internal elements made of non-oxidizable materials. The entire antenna is grounded to protect the equipment against impulse potentials during atmospheric electrical discharges.

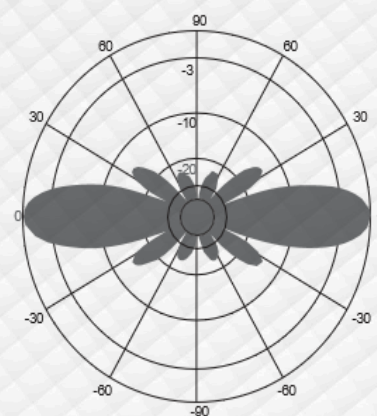
Its radome provides maximum protection against corrosive gases, UV radiation, salt fog, acid rain and other abrasive agents.

The antenna is supplied tuned to the exact operating frequency and has a bandwidth of 6MHz. Given the small mass and wind exposure area, the antenna offers a low mechanical load on the tower or mounting structure.

Partnumber	Model	Range
502242	ASA-174/5R	148 / 174 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5 : 1$
Vertical beam width	20 degrees
Typical bandwidth	6MHz
Nominal impedance	50 $\Omega$
Maximum power	300 Watts (intermittent)
Revenue	5,15 dBi
Connector	N female

MECHANICAL SPECIFICATIONS	
Maximum length	1410 mm
Finish	Systhetic paint
Withstands winds of up to	240 Km/h
Exhibition area	0,0522 m <sup>2</sup>
Weight	1,030 Kg
Basic material	Brass / aluminum



Vertical diagram