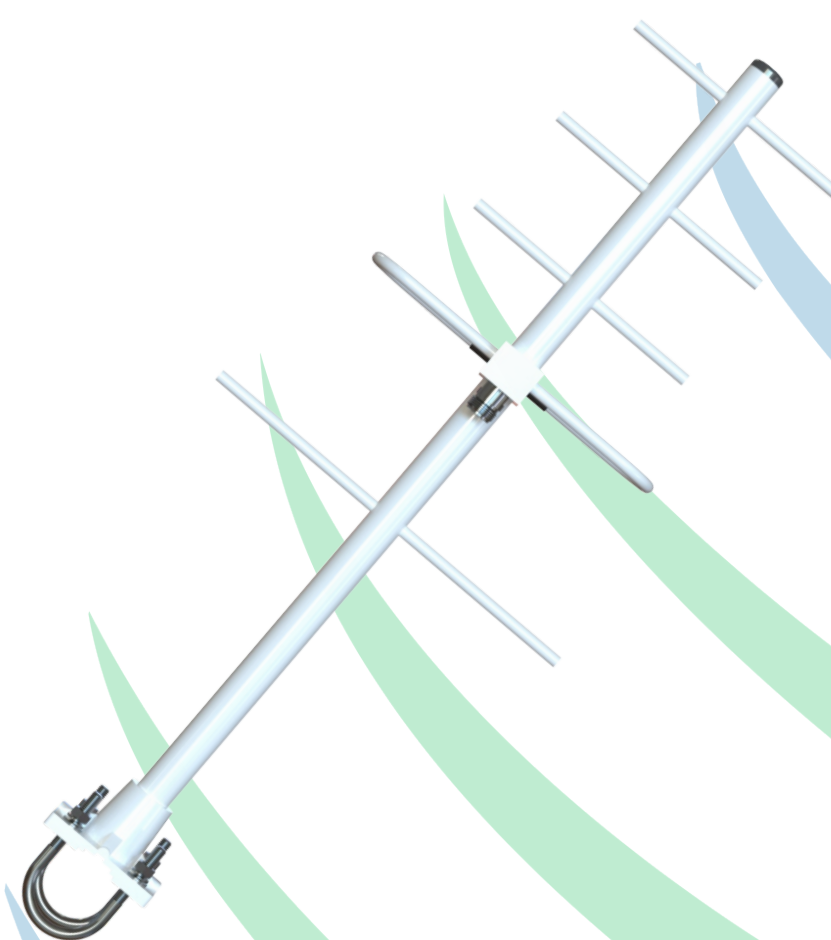


**FIXED UHF DIRECTIONAL YAGI
ANTENNA 5 ELEM FEMALE N
700 MHz**

AP20112



Av. Cidade Fukuyama, 725 - CEP 19064-210 - Presidente Prudente - SP

www.steelbras.com.br



25/02/2025



steelbras[®]
soluções em antenas

FIXED UHF DIRECTIONAL YAGI ANTENNA 5 ELEM FEMALE N 700 MHz

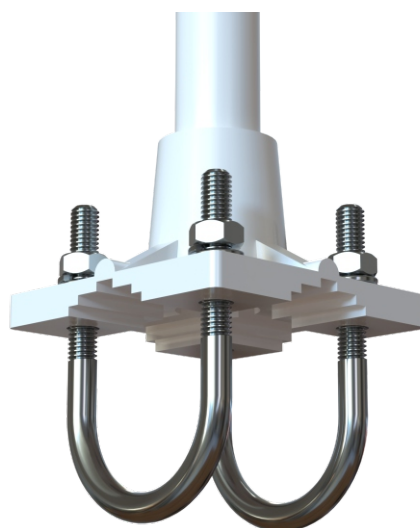
TECHNICAL DATA

AP20112 is a fixed directional Yagi antenna with 5 elements designed to operate in the UHF band from 695 to 800 MHz. Made of high-quality aluminum with white epoxy paint finish. The base of the driven element is bolted to the central boom and the dipole is soldered with corrosion-resistant, highly conductive silver solder. The director elements and the reflector are welded to the central boom using TIG aluminum welding, providing high mechanical strength. The structure is sealed with polypropylene caps, ensuring weather resistance and long service life. This antenna is lightweight and easy to install with a mount that allows vertical and horizontal polarization, requires no adjustment and has an international-standard female N connector.

IMPORTANT

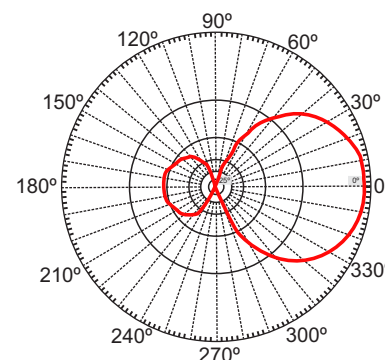
The aluminum mount was designed so the antenna can be fastened either horizontally or vertically. The central boom center pin is soldered to the antenna mounting base.

The mounting clamps are made of stainless steel and come with a flat washer, lock washer and nut, also in stainless steel, for secure fastening of the mount to pipes up to 35 mm outside diameter.

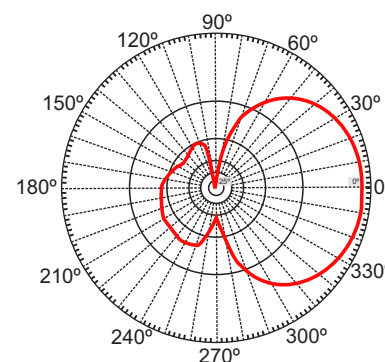


SPECIFICATIONS

FREQUENCY	695 - 800 MHz
MAXIMUM POWER	50 W
IMPEDANCE	50 Ω
VSWR	≤ 1,5:1
FRONT-TO-BACK RATIO	≥ 20 DB
POLARIZATION	VERTICAL/HORIZONTAL
CONNECTOR	FEMALE N
GAIN	7,95 dBi
MAXIMUM WIND	100 Km/h
WIDTH	220 mm
LENGTH	520 mm
WEIGHT	544 g



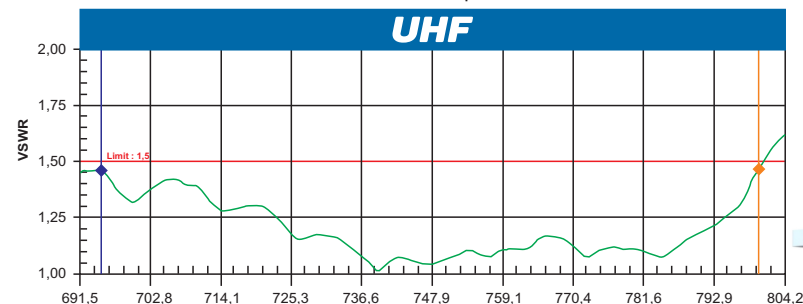
HORIZONTAL



VERTICAL

100%
Construída
com material
não-ferroso

VSWR chart for installation in horizontal position.



Steelbras Antenas reserves the right to make technical changes to the data in its datasheets without prior notice.

