

UHF DIRECTIONAL YAGI BASE ANTENNA 2 ELEMENTS 400 - 480 MHZ

AP20010



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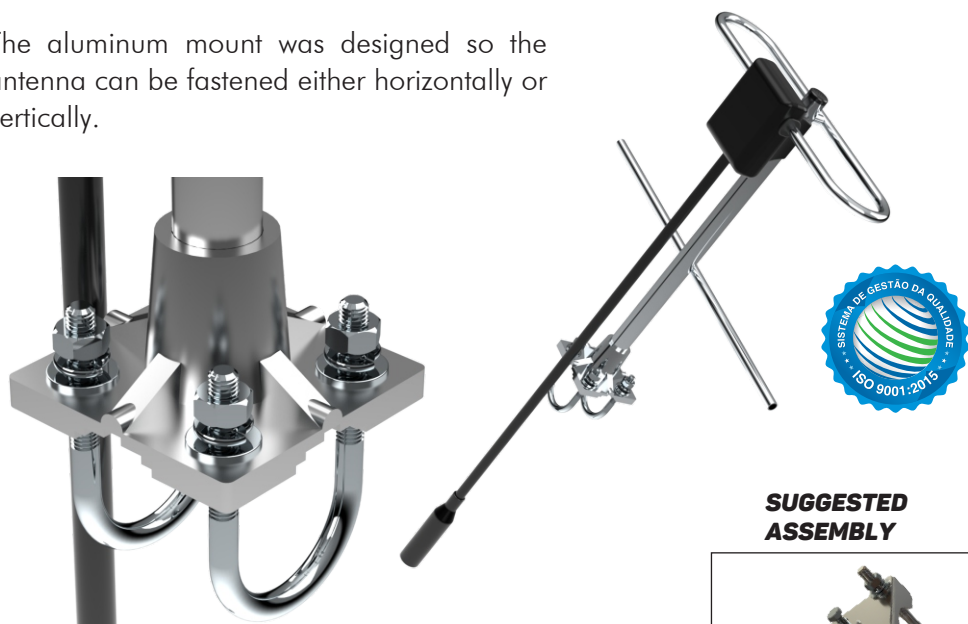
UHF DIRECTIONAL YAGI BASE ANTENNA 2 ELEMENTS 400 - 480 MHz

The **AP20110** is a YAGI-type UHF antenna made of high-quality aluminum, epoxy resin and rubber resistant to ozone, weather and chemicals.

A lightweight, easy-to-install antenna that requires no adjustment and has an international-standard Female N connector, plus a versatile mount that allows vertical or horizontal installation.

The radiating assembly is hermetically sealed with resin resistant to severe weather, ensuring perfect operation, long service life and high mechanical strength.

The aluminum mount was designed so the antenna can be fastened either horizontally or vertically.



SUGGESTED ASSEMBLY

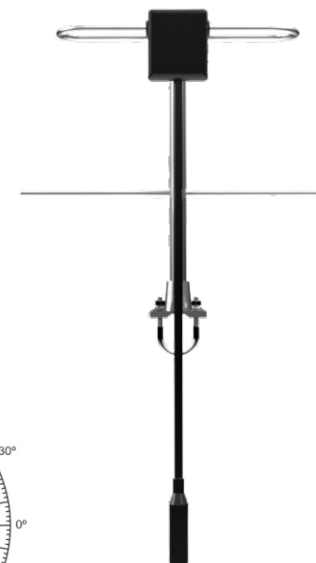


The mounting clamps are made of stainless steel and come with a flat washer, lock washer and nut, also in stainless steel, for secure fastening of the mount to pipes up to 35 mm outside diameter, ensuring longer service life for the assembly.

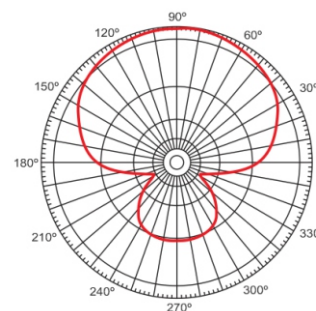
IMPORTANT: For best results, use a VSWR meter

TECHNICAL DATA

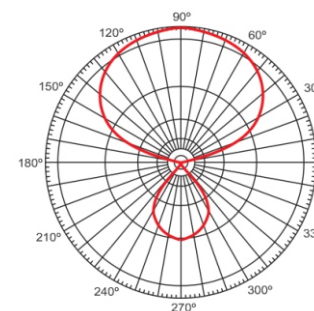
SPECIFICATIONS	
FREQUENCY	400 - 480 MHz
MAXIMUM POWER	200 W
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
FRONT-TO-BACK RATIO	≥ 14 dB
POLARIZATION	Vertical / Horizontal
GAIN	5,15 dBi
CONNECTOR	FEMALE N
MAXIMUM WIND	100 km/h
HEIGHT	346mm
WEIGHT	579g



100%
Construída
com material
não-ferroso



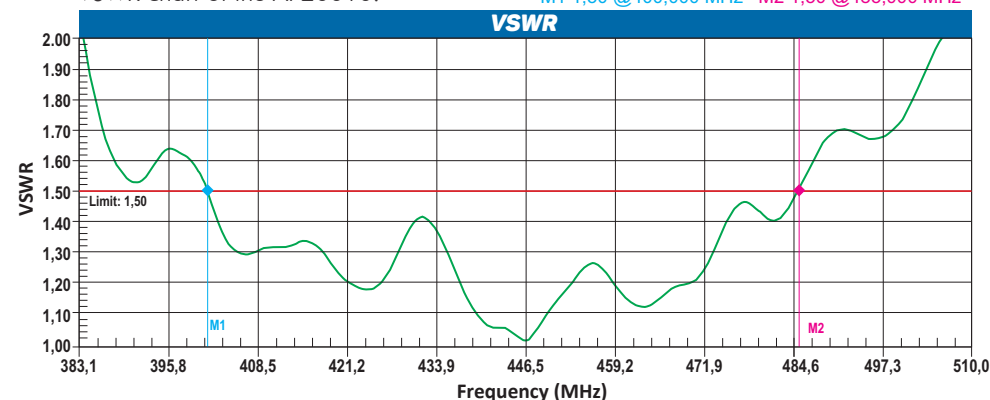
Horizontal



Vertical

VSWR chart of the AP20110.

M1 1,50 @400,000 MHz M2 1,50 @485,000 MHz



¹Steelbras Antenas reserves the right to make technical changes to the data in its datasheets without prior notice.
²This antenna does not require ANATEL Certification and Approval, under Act No. 7280, of 26 September 2020.