

**UHF DIRECTIONAL YAGI BASE
ANTENNA 3 ELEMENTS 800/870 MHZ
AP20119**



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

www.steelbras.com.br



06/02/2024



steelbras[®]
soluções em antenas

UHF DIRECTIONAL YAGI BASE ANTENNA 3 ELEMENTS 800/870 MHZ

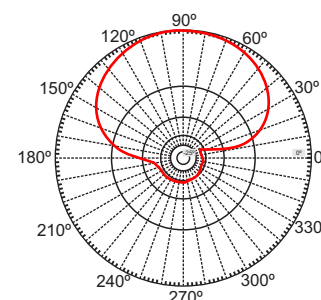
TECHNICAL DATA

The **AP20119** is a YAGI-type UHF antenna made of high-quality aluminum with white epoxy paint finish. The base of the driven element is bolted to the central boom and the driven element is silver-soldered. The director and reflector elements are welded to the central boom using TIG aluminum welding. Polypropylene caps seal the openings perfectly, providing excellent performance and long service life. 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.

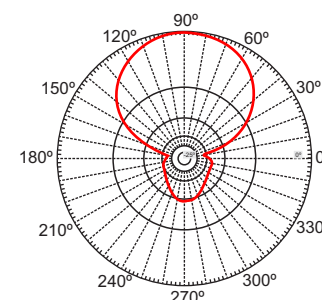


The aluminum mount was designed so the antenna can be fastened either horizontally or vertically. The central boom is welded to the antenna mounting base.

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.



Vertical

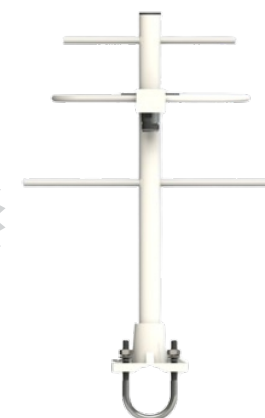


Horizontal



SPECIFICATIONS	
FREQUENCY	800 - 870 MHz
MAXIMUM POWER	50 W
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
FRONT-TO-BACK RATIO	≥ 18 dB
POLARIZATION	VERTICAL/HORIZONTAL
CONNECTOR	FEMALE N
GAIN	6,15 dBi
MAXIMUM WIND	200 Km/h
WIDTH	165 mm
LENGTH	300 mm
WEIGHT	375 g

100%
Construída
com material
não-ferroso



EXAMPLE: See below the VSWR chart of the AP20119.

