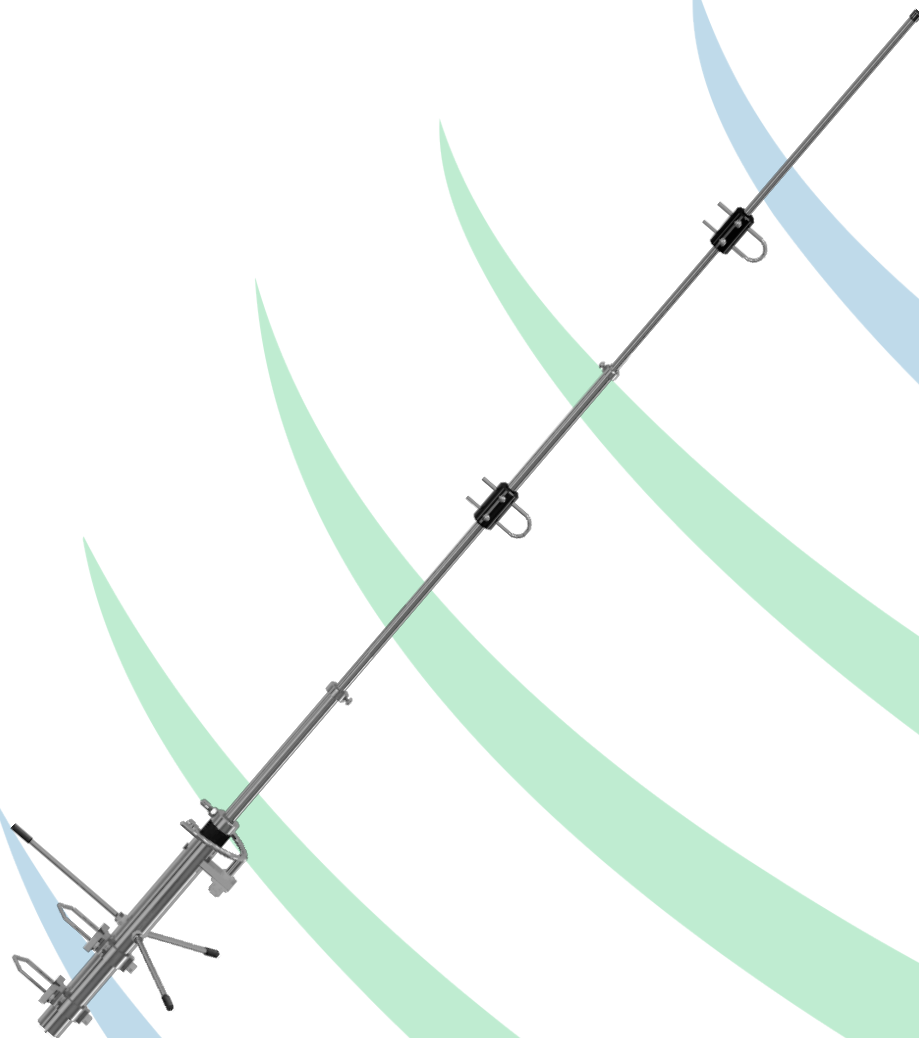


UHF BASE ANTENNA 3X5/8 WAVE 9DB GAIN

AP8249



steelbras
soluções em antenas

TECHNICAL DATA

The **AP8249** is a high-efficiency UHF 3X5/8 antenna with 11,15 dBi gain, designed to operate from 410 to 500MHz. Made of high-quality aluminum, the **AP8249** has an international-standard "ringo" coaxial connector for easy connection to cables fitted with Male N connectors.

Includes connector sealing rubbers for two cable sizes, RG58 and RG213.

Frequência (MHz)	Comprimento (mm)				
	A	B	C	D	E
410	460	78	480	78	485
420	440	75	470	75	475
430	420	70	460	70	465
440	398	69	445	69	450
450	370	69	427	69	432
460	338	68	420	68	425
470	325	67	410	67	415
480	312	65	400	65	405
490	292	63	390	63	395
500	285	62	388	62	392

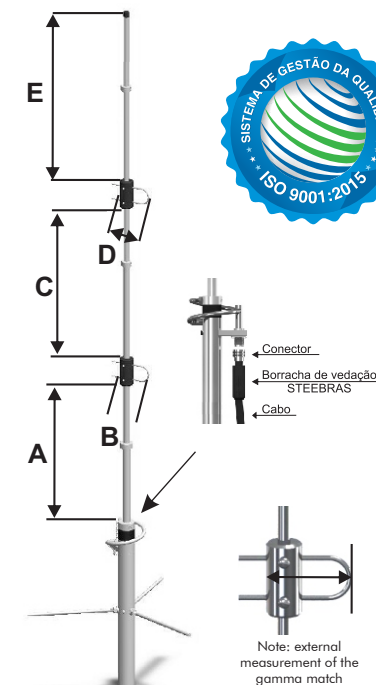
SPECIFICATIONS

FREQUENCY	410 - 500 MHz
MAXIMUM POWER	100 W
IMPEDANCE	50 Ω
VSWR	$\leq 1,5:1$
MAXIMUM WIND	150 Km/h
GAIN	11,15 dBi / 9dB
HEIGHT	1590 mm
WEIGHT	985 g
CONNECTOR	Female N

100%
Construída
com material
não-ferroso

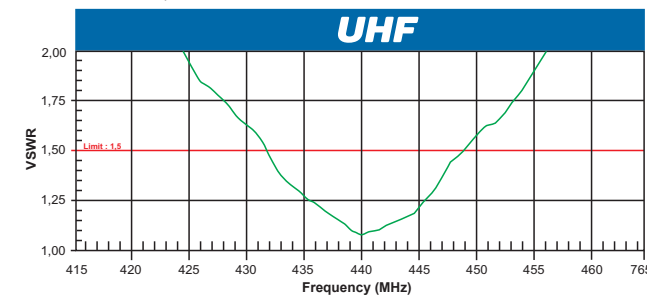
IMPORTANT

For best results with your antenna, always use an SWR meter.



EXAMPLE:

See below the VSWR chart of a AP8249 antenna tuned to 162 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.