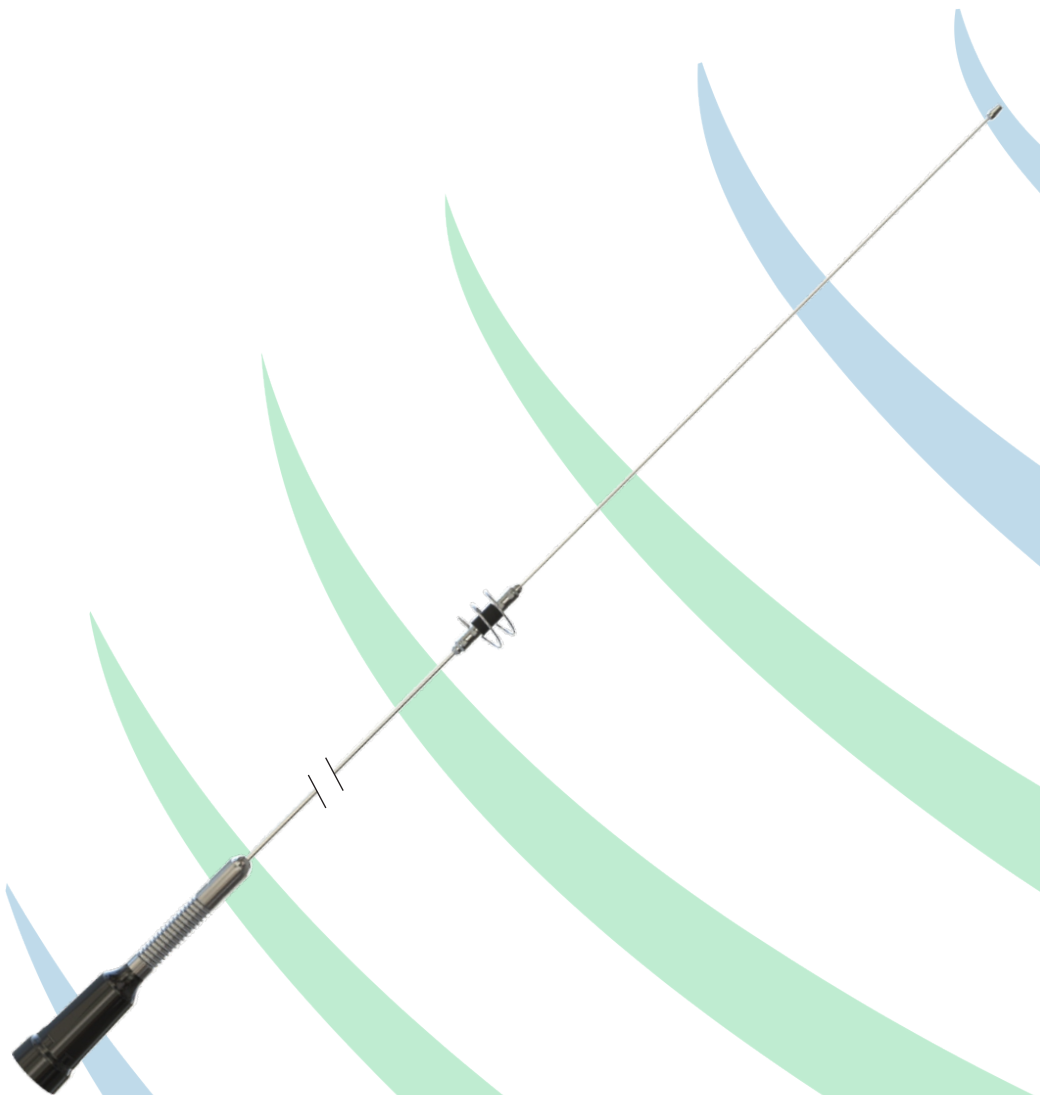


DUAL BAND MOBILE ANTENNA 3/8 VHF AND 2X5/8 UHF EVOLUTION LINE BASE

AP20191



steelbras
soluções em antenas

TECHNICAL DATA

The **AP20191** is a Dual Band antenna operating in the 3/8 VHF and 2x5/8 UHF bands, for use with Dual Band transceivers. The base coil is hermetically sealed, with a gold-plated center pin and a silicone washer that keeps moisture out between the connector and the antenna. A product completely different from the models found on the market. With the spring, the assembly has greater mechanical strength, delivering excellent cost-effectiveness.



IMPORTANT

The antenna must be installed on a flat metal surface with a radius of at least 1/4 wave plus 5% at the desired frequency. Installing it in the center of the vehicle roof is recommended for best antenna performance. For best results, always use a VSWR meter (WATTMETER). The reflected signal must not exceed 1,5:1 or 4% of the forward power. If the antenna does not follow these recommendations, the VSWR in the UHF band will exceed 2:1.

SPECIFICATIONS

VHF	FREQUENCY	144 - 148 MHz
UHF	FREQUENCY	430 - 440 MHz
	MAXIMUM POWER	150 W
	IMPEDANCE	50 Ω
VHF	VSWR	≤ 1,5:1
UHF	VSWR	≤ 1,8:1
VHF	GAIN	3,15 dBi
UHF	GAIN	8,15 dBi
	HEIGHT	838 mm
	WEIGHT	213 g

SUGGESTED ACCESSORIES



AP2080 AP2085
MAGNETIC MOUNT
100mm BLACK 5m CABLE



AP3833
BLACK BI-ARTICULATED
ADAPTER MOUNT

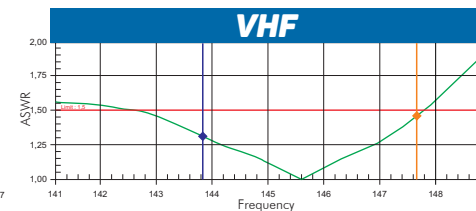
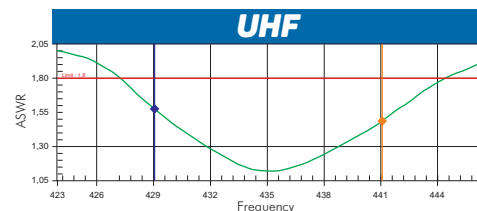


AP1733
BLACK BI-ARTICULATED
TRUNK MOUNT



AP3733
BLACK BI-ARTICULATED
GUTTER MOUNT

EXAMPLE: VSWR chart of a AP20191 antenna in the VHF and UHF bands.

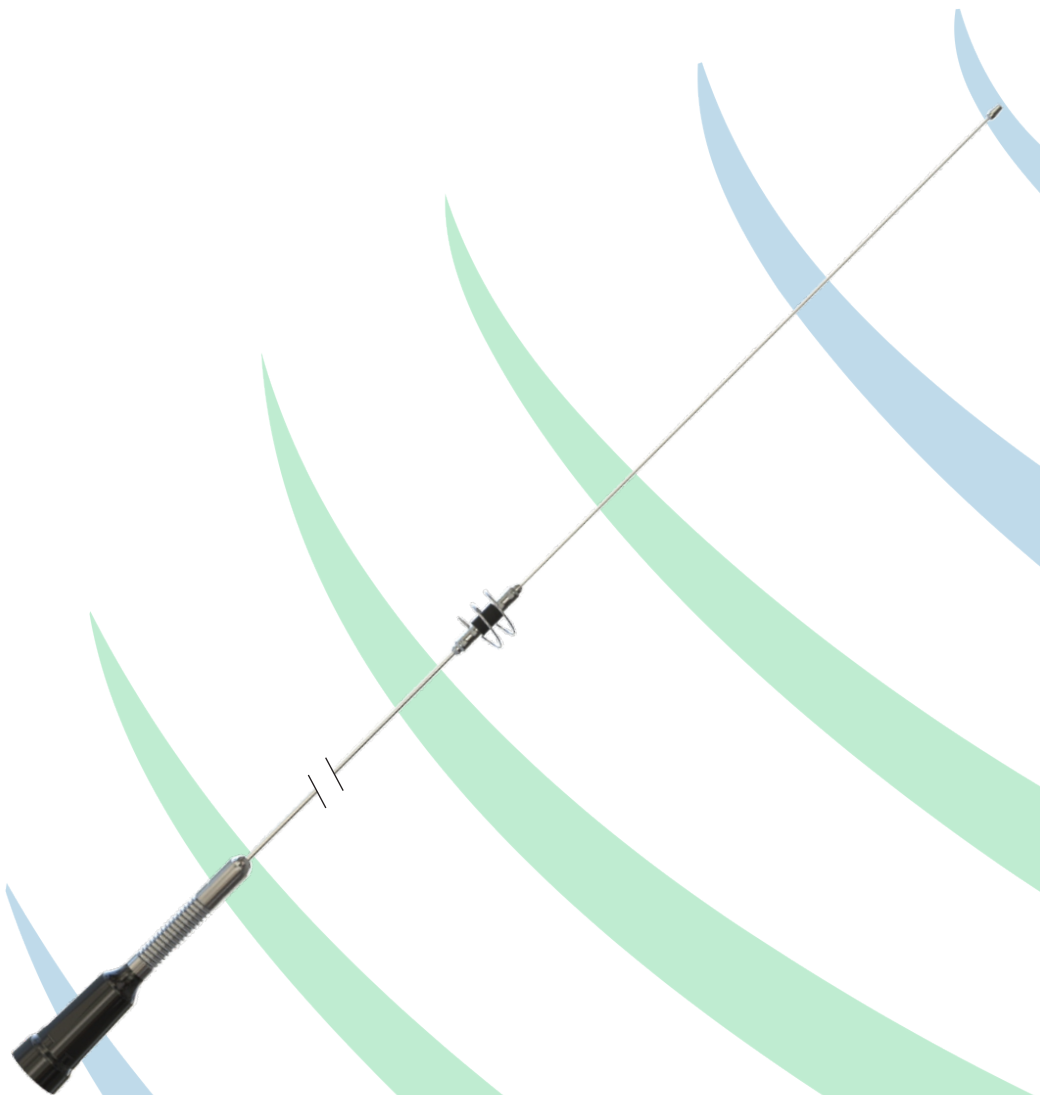


ANTENNA SOLUTIONS

AVENIDA CIDADE FUKUYAMA, 725 - CEP 19064-210 - PRESIDENTE PRUDENTE/SP
WWW.STEELBRAS.COM.BR

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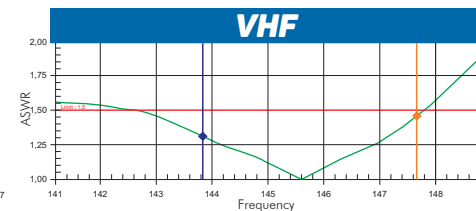
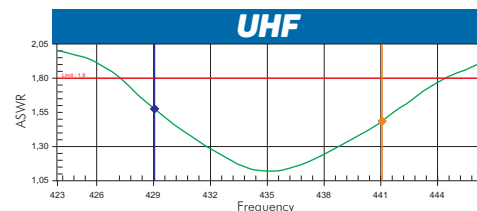


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