

Product Information

VHF Transmit-Receive Antenna STA IFF

The STA IFF is a transmit and reception antenna designed for the frequencies 121,5 MHz and 243,0 MHz. The permissible power to the antenna is 5 watts. About the robust construction and the use of weatherproof materials this antenna can be used under extreme environmental conditions.

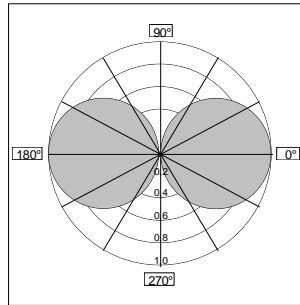
Technical Data

Parameter	Data
Application	Transmit-receive antenna
Characteristic	Vertically polarized omnidirectional antenna
Colour	RAL 7000
Wind load	200 N
Bending moment	100 Nm at 250 km/h (max. wind speed 250 km/h)
Mounting	4 screws M8
Ambient temperature	-40°C...+60°C
Storage temperature	-50°C...+80°C
Relative humidity	100 %
RF connector	N Socket
Frequency	121,5 and 243,0 MHz
Input impedance	50 Ω VSWR ≤ 1,6
Permissible power acceptance	5 W
Gain	1,8 dBi / 2,15 dBi
Horizontal diagram	omnidirectional

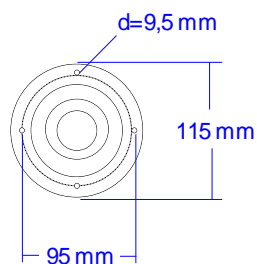
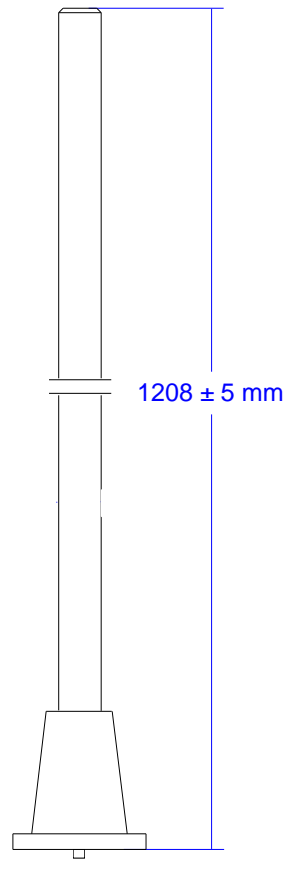
Data given without tolerance are typical values.
 Design and specification are subject to change without prior notice, errors excepted.



Vertical Diagram



Dimensions and Weight



STA IFF
1,6 kg

Scope of Supply

Pos.	Description
1	VHF Antenna STA IFF
2	Accessory Set ZS 8

Accessories

Type Designation	Part No.	Description
ZS 8	0028.3708.00	Accessory set consisting of <ul style="list-style-type: none"> - 1 ea. N male plug Part No. ST.0015 - 1 ea. Rubber sleeve for N plug black Part No. A.0047 - 1 ea. Flat Gasket 6 Part No. 0002.3001.05

Variants and Order Information

Type Designation	Part No. NSN	Description
STA IFF	0002.3004.00 ---	VHF Antenna

Other variants are available on request.

Options

Option	Part No. NSN	Description
RAL Color Code	depends on RAL color code	Painting in RAL color according to customer specification

Other or customer specific options are available on request.