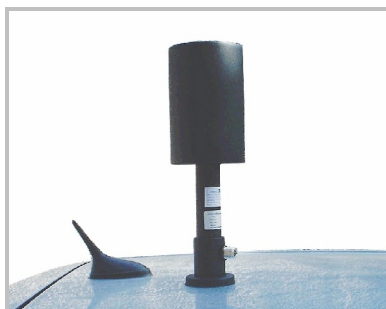


DK3311V

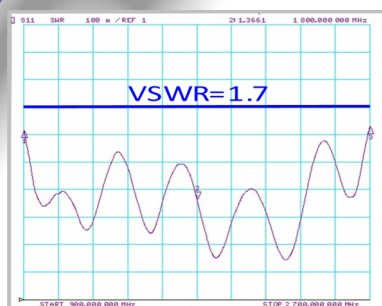
ElettroMagnetic Services
SRL

OMNI DISKONE

- Broadband, low VSWR
- Mag mount version and side connector, mod. DK3311V-M
- Customization available



DK3311V-M
(mag mount flange and side N-f connector)



ELECTRICAL

Frequency	900 ÷ 2700 MHz
Input impedance	50 Ω
Polarization	linear vertical
VSWR	< 1.7 across band
Gain	-1 ÷ 2 dBi
Half power beamwidth	360° × see fig. below
Power rating	20 W cw

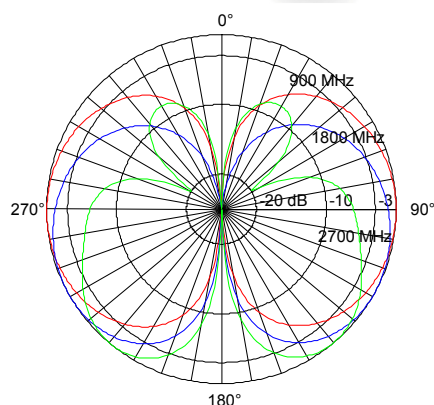
MECHANICAL

Connector	N-female or SMA-female
Height × radome dia.	300× 100 mm
Mass	450 g (DK3311V)
Standard finish	polycarbonate radome, scratchproof texturized black

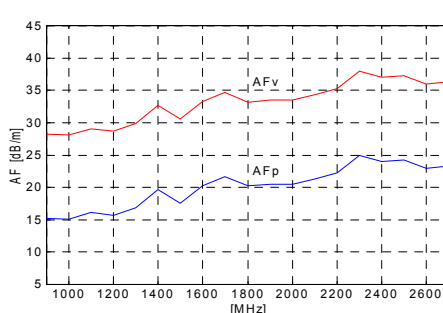
MOUNTING

Standard interface	aluminium bracket (screws or stainless steel tie)
--------------------	--

Elevation pattern



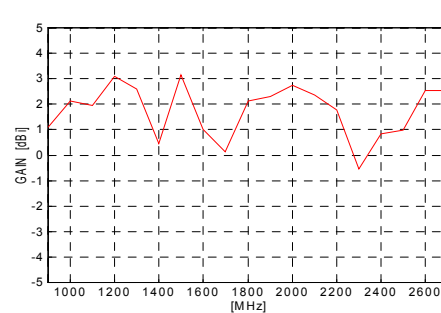
Antenna Factor



$$AF_V [dB/m] = E_I [dBV/m] - V_A [dBV]$$

$$AF_P [dB/m] = E_I [dBV/m] - P_{out} [dBm]$$

Gain



E_I = electric field strength;
 V_A = output voltage at antenna connector, measured across a 50 Ω load;
 P_{out} = output power at antenna connector, measured across a 50 Ω load.

Due to technical improvements, specifications provided in this data sheet may change without notice.
Whilst every effort is made to ensure an high degree of accuracy to all specifications here reported, no responsibility can be accepted for any errors or omissions.
Any reproduction, full or partial, of this document and its contents is not allowed without factory authorization.

Since *ElettroMagnetic Services* is specialized in development and production of custom antennas, if you need electrical and/or mechanical modifications of this product to meet a particular application or requirements, please feel free to contact us directly.

HEADQUARTERS

ElettroMagnetic Services srl
via S. Pertini, 6
26019 VAILATE (CR) - ITALY
Tel +39 (0) 363 84086
Fax +39 (0) 363 341636
Email info@elettromagneticsservices.com

Issued: 31.01.06
Updated: 28.10.16