

Model SD 2000 U/N
Wide-band Base Station Antenna



Installation Manual

DESCRIPTION

Wide-band discone antenna working on 100-2000 MHz in reception and on many amateur frequencies in transmission (2m, 1 1/4m, 70cm, 33cm, 23cm). It is made of stainless steel, chromed brass and anodized aluminium to guarantee the best efficiency and performance. Easy to fit, it can be suitable for the installation everywhere. The vertical whip can be removed whenever the 145 MHz frequency is not required. Two versions are available: SD 2000 U with UHF-female connection, and SD 2000 N with "N" female connection.

SPECIFICATIONS

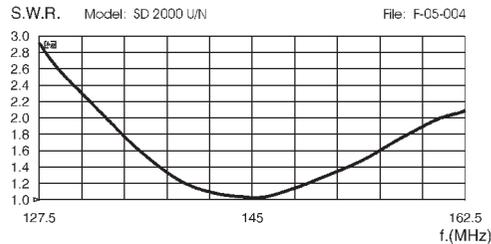
Electrical Data

Type	:	Discone
Frequency Range (RX band)	:	100-2000 MHz
(TX band) at VSWR ≤ 2:1	:	130...160; 215...440; 610...685; 870..960; 1070..1500; 1620..1800; 1860...2000 MHz
Impedance	:	50 Ω Unbalanced
Radiation (H-plane)	:	360° Omnidirectional
Polarization	:	Vertical
Gain	:	0 dBd - 2.2 dBi
Max Power	:	200 Watts
Feed System / Position	:	Direct / Center
Connection	:	SD 2000 N = N-Female SD 2000 U = UHF- Female

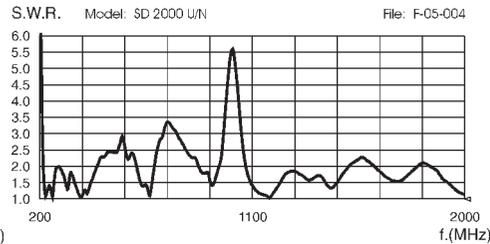
Mechanical Data

Materials	:	Aluminium, Chromed Brass, Stainless steel, Nylon
Wind Load / Resistance	:	44 N at 150 Km/h / 150 Km/h
Wind Surface	:	0.04 m ²
Height (approx.)	:	900 mm
Weight (approx.)	:	1020 gr
Mounting Mast	:	Ø 25-54 mm

TYPICAL S.W.R. RESPONSE



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MOUNTING INSTRUCTIONS

