



SCO-868-4

Base Station Antenna ISM 868 band



Produit disponible auprès de :



www.ebds.eu

Tél : 09 72 36 76 46

info@ebds.eu

SCO-868-4
N-female connector

SCO-868-4
w/cable

Installation Manual

DESCRIPTION

Base station antennas conceived for ISM system working on 868-870 MHz. The radiant colinear dipoles are made of PCB and protected by a fiberglass tube. SCO-868-4 has a N-female connector fitted directly on the bottom while SCO-868-4 w/cable is supplied with 5m Low Loss cable directly connected and SMA-male (other type on request).

SPECIFICATIONS

Electrical Data	SCO-868-4 N-f connector	SCO-868-4 cable version
Type	2 x 1/2 λ Colinear	
Frequency Range @ SWR ≤ 1.5	868 - 870 MHz (ISM 868 system)	
Impedance	50 Ω	
Radiation (H-plane)	360° omnidirectional	
Radiation (E-plane)	Beamwidth @ -3 dB: 32°	
Radiation angle deg.	0°	
Polarization	Linear Vertical	
Gain	2.2 dBd, 4.3 dBi	
Max Power (CW) @ 30° C	20 Watts	
Cable Type / Length	/	Low Loss cable / 5m, 16.4 ft
Connector	N-female, gold plated central pin	SMA-male, other type on request
Mechanical Data		
Housing & Radome Material	Fiberglass, Anodized aluminium, Chromed Brass	
Bracket & Hardware Material	Galvanized steel	
Wind Load / Resistance	14 N @ 150 Km/h, 93 mi/h / 200 Km/h, 124 mi/h	
Wind Surface	0.0243 m ² ; 0.25 ft ²	
Height (approx.)	500 mm, 1.65 ft	
Weight (approx.)	270 gr, 0.6 lb (without bracket)	
Operating Temperature	-30 °C to +70 °C	
Installation type	M3 bracket: Mast: Ø 35-42 mm, Ø 1.4-1.65 inch with U-bolt Wall: with screws (not included)	

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HI-QUALITY ANTENNAS MADE IN ITALY

ID459

MOUNTING INSTRUCTIONS

BRACKET re-order code: ST07404

Materials:	galvanized steel
Dimensions:	195 x 60 x 70 mm
Weight:	345 g

U-BOLTS re-order code: SA008

Q.ty	Description
2	M6 U-bolt
4	M6 Exagonal nut
4	M6 Washer
4	M6 Spring lock washer

Mast not supplied
Ø35-42mm

Mast mount

Wall mount (screws not included)