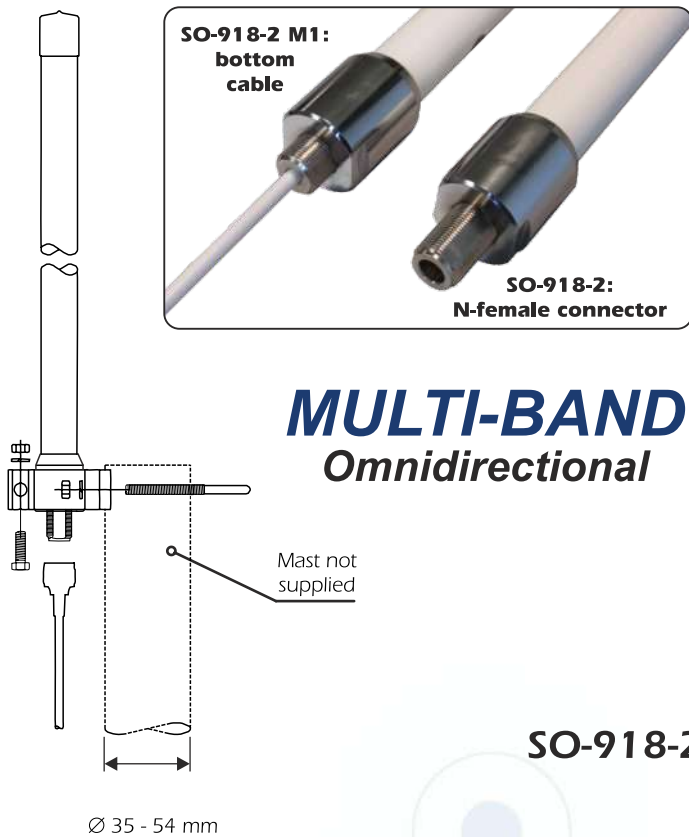


## SO-918-2, SO-918-2 M1 *Sirio Omnidirectional Antennas*

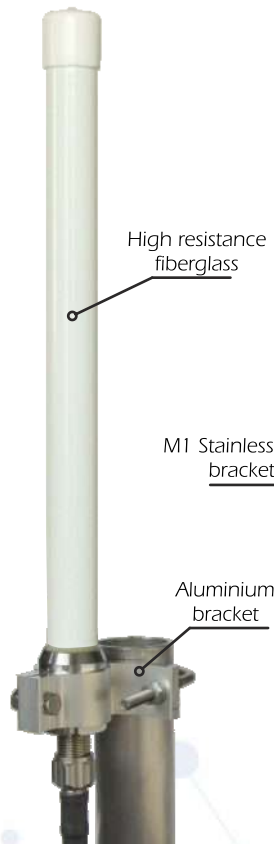
### Features:

- # Base station antenna, Omnidirectional, Multi-band, Unity-gain
- # High quality PCB radiator protected by fiberglass tube
- # Protection from static discharges DC-ground, no tuning required
- # For ISM, GSM 900 & 1800, PCS, DECT and UMTS systems



**MULTI-BAND**  
**Omnidirectional**

**SO-918-2**



**SO-918-2 M1**

Electrical Data	SO-918-2	SO-918-2 M1
Type	1/2 λ Dipole	
Frequency Range @ SWR ≤ 2.0	868 - 960 MHz (ISM, GSM 900) & 1.71 - 2.17 GHz (GSM 1.8, PCN, DECT, UMTS)	
Impedance	50 Ω	
Radiation (H-plane)	360° omnidirectional	
Radiation (E-plane) Beamwidth @ -3 dB	50°	
Radiation angle deg.	0°	
Polarization	Linear Vertical	
Gain	2.15 dBi	
Max Power (CW) @ 30° C	20 Watts	
Grounding Protection	All metal parts are DC-grounded, the inner conductor shows an open circuit	
Cable Type / Length	/	White Low Loss / 5m, 16.4 ft
Connector	N-female, gold plated central pin	SMA-male, other type on request
<b>Mechanical Data</b>		
Housing & Radome Material	Fiberglass, Chromed Brass, PCB	
Bracket & Hardware Material	Aluminium, Stainless steel	Stainless steel M1 bracket
Wind Load @ 150Km/h / Resistance	11 N / 200 Km/h, 124 mi/h	
Wind Surface	0.01 m <sup>2</sup> , 0.11 ft <sup>2</sup>	
Height (approx.)	257 mm, 0.84 ft	
Weight (approx.)	350 gr, 0.77 lb	
Operating Temperature	-20 °C to +80 °C	
Installation type	Mast: Ø35-54mm, 1.4-2.1in with V-bolt	Wall: with mounting screws (not included)
P/N	<b>2110320.00</b>	<b>2110920.80</b>

