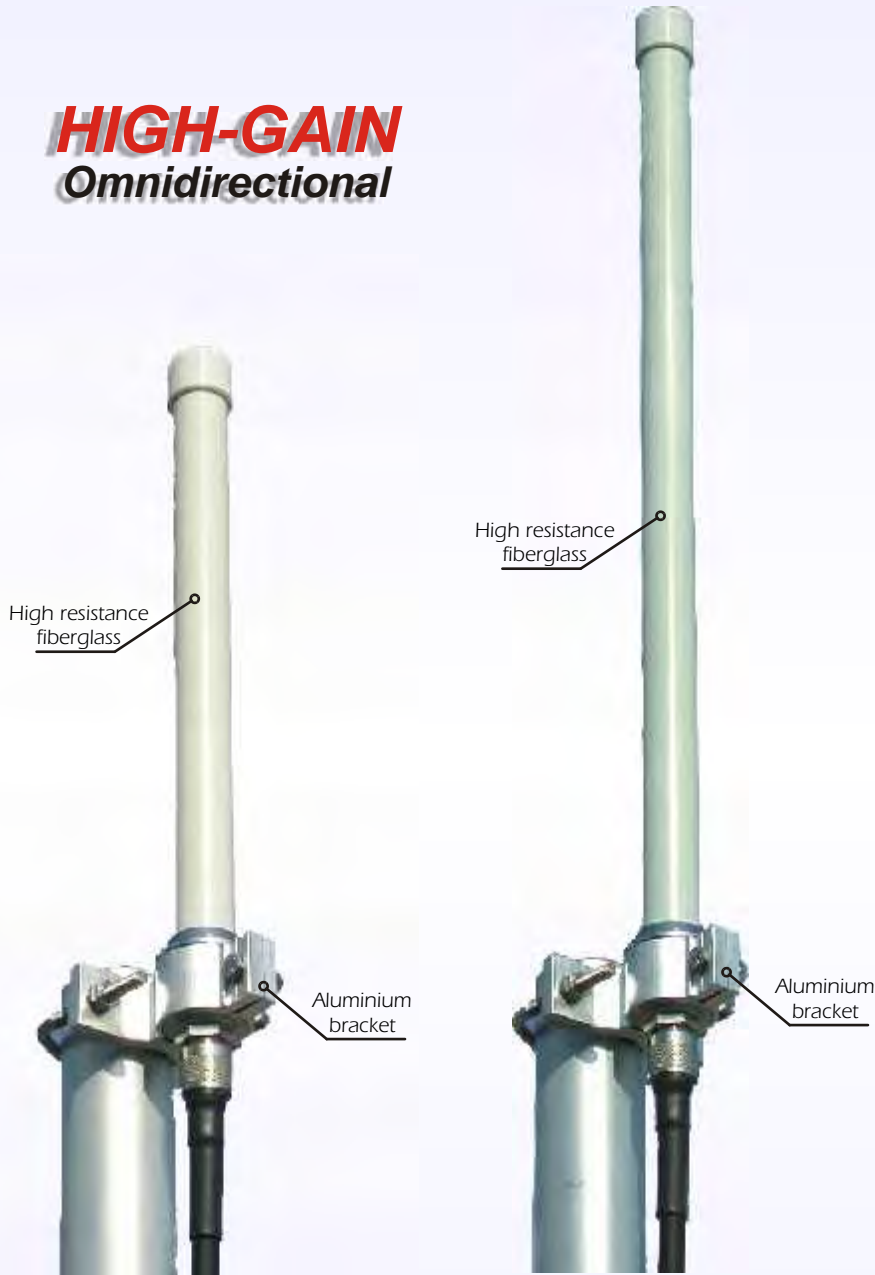


**SCO series**

Sirio **C**ol near **O**mnidirectional

**HIGH-GAIN**  
**Omnidirectional**



**SCO-1.93-6** DECT

**SCO-2-6** UMTS

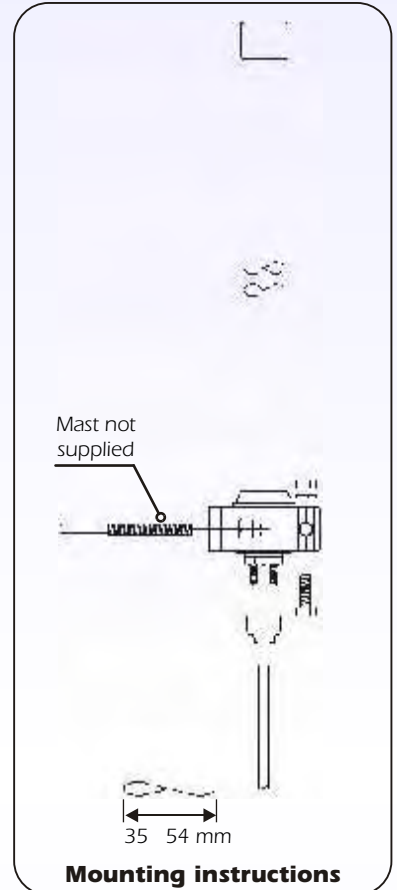
**SCO-2.4-6** W-LAN 2.4

**SCO-3.3-7** WiMAX 3.3

**SCO-5.47-10** W-LAN 5.47

**SCO-2.4-9** W-LAN 2.4

**SCO-3.3-10** WiMAX 3.3



## SCO series

### Sirio C ol near Omnidirectional

**Features:**

- # Base station antenna, Omnidirectional, Mono-band, High-gain, no tuning required
- # High quality PCB radiator protected by fiberglass tube
- # For DECT or UMTS or W-LAN 2.4 or WiMAX 3.3 or W-LAN 5.47

Electrical Data	SCO 1.93 6	SCO 2 6	SCO 2.4 6	SCO 2.4 9	SCO 3.3 7	SCO 3.3 10	SCO 5.47 10
Type: Dipole Array	3 x 1/2	3 x 1/2	3 x 1/2	7 x 1/2	3 x 1/2	7 x 1/2	7 x 1/2
Frequency Range	1.88 1.98 GHz @ SWR 1.5 (DECT)	1.92 2.17 GHz @ SWR 2.6 (UMTS)	2.3 2.5 GHz @ SWR 1.5 (W LAN)	2.4 2.485 GHz @ SWR 1.5 (W LAN)	3.3 3.8 GHz @ SWR 1.5 (WiMax)	3.3 3.8 GHz @ SWR 1.5 (WiMax)	5.47 5.875 GHz @ SWR 1.5 (W LAN)
Impedance	50						
Radiation (H plane)	360° omnidirectional						
Radiation (E plane) Beamwidth @ 3 dB	27° @ 1.93 GHz	27° @ 2.045 GHz	22° @ 2.442 GHz	10° @ 2.442 GHz	17° @ 3.55 GHz	10° @ 3.55 GHz	10° @ 5.6725 GHz
Radiation angle deg.	0°						
Polarization	Linear Vertical						
Gain	6 dBi	6 dBi	6 dBi	9 dBi	7 dBi	10 dBi	10 dBi
Max Power (CW) @ 30° C	20 Watts	20 Watts	20 Watts	20 Watts	10 Watts	10 Watts	20 Watts
Grounding Protection	All metal parts are DC grounded, the inner conductor show a DC short						
Connector	N female, gold plated central pin						
<b>Mechanical Data</b>							
Housing & Radome Material	Fiberglass, Aluminium, Chromed Brass, PCB						
Bracket & Hardware Material	Aluminium, Stainless Steel						
Wind Load	11 N @ 150 Km/h	11 N @ 150 Km/h	10 N @ 150 Km/h	19 N @ 150 Km/h	10 N @ 150 Km/h	21 N @ 150 Km/h	13 N @ 150 Km/h
Wind Resistance	200 Km/h	200 Km/h	200 Km/h	200 Km/h	200 Km/h	200 Km/h	200 Km/h
Wind Surface	0.01 m <sup>2</sup>	0.01 m <sup>2</sup>	0.01 m <sup>2</sup>	0.015 m <sup>2</sup>	0.01 m <sup>2</sup>	0.02 m <sup>2</sup>	0.01 m <sup>2</sup>
Height (approx.)	400 mm	400 mm	325 mm	630 mm	325 mm	630 mm	400 mm
Weight (approx.)	360 gr	360 gr	350 gr	415 gr	350 gr	410 gr	365 gr
Operating Temperature	40 °C to +80 °C						
Installation type	Mast: 35 54 mm with V bolt						
<b>P/N</b>	<b>2110620.00</b>	<b>2110520.00</b>	<b>2130220.00</b>	<b>2130320.00</b>	<b>2132520.00</b>	<b>2132620.00</b>	<b>2132020.00</b>

