

- Single band antenna, dual polarization, 2 connectors
- Wide range of electrical tilt, variable 0°-10°
- MET and RET versions, AISG1.1 or 3GPP/AISG2.0
- RET modules fully inserted inside the antenna (field replaceable)

5265102  
5265002 5265002G

X-Pol | VET Panel | 65° | 17.5 dBi

Model number options:

5265102 Manual Electrical Tilt Antenna

5265002 Remote Electrical Tilt Antenna (AISG1.1)

5265002G Remote Electrical Tilt Antenna (3GPP/AISG2.0)

#### Electrical Characteristics

Frequency band	880-960 MHz
Polarization	±45°
Horizontal beamwidth	65° (±5°)
Vertical beamwidth	7°
Gain	15.4 dBd / 17.5 dBi
Electrical downtilt	0-10° (continuously adjustable)
Impedance	50 Ω
VSWR	< 1.4
Upper sidelobe rejection	> 18 dB
Front-to-Back ratio	> 30 dB
Null fill	< 22 dB typical
Isolation between ports	> 30 dB
IM3 (2x20W carrier)	< -110 dBm
Maximum power per port	200 W
Connector(s)	2 Ports / 7/16-DIN Long Neck / Female / Bottom

#### Electrical Downtilt Control

**Manual control:** The electrical tilt is changed by turning the adjustment screw at the end of the tilt indicator with a 10 mm socket wrench.

**Remote control:** An optional RET module, already configured and compatible with 3GPP/AISG2.0 or AISG1.1, allows the remote control of the variable electrical downtilt. This module is fully inserted at the bottom of the antenna and does not add any additional length. The remote control of other equipment or sectors is possible by "daisy-chain" through the use of an extra AISG connector located on the RET module.

The tilt angle indicator always stays visible and the antenna still has manual tilt control (manual override).

RET module part number	RETU-CA11 for AISG1.1 protocol (supplied with 5265002)
	RETU-CG11 for 3GPP/AISG2.0 protocol (supplied with 5265002G)

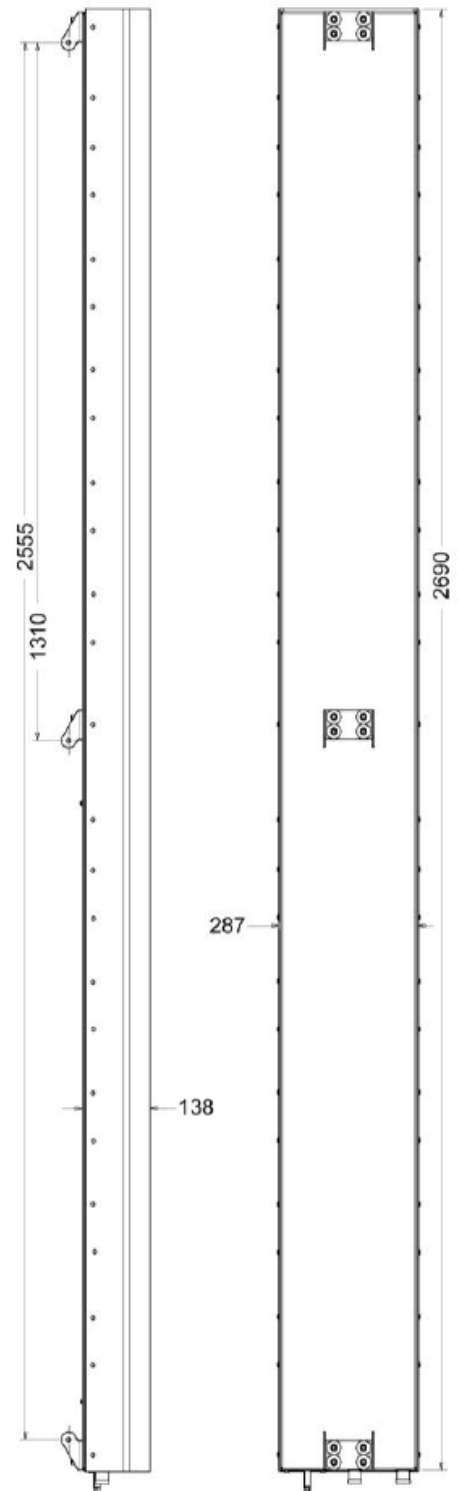


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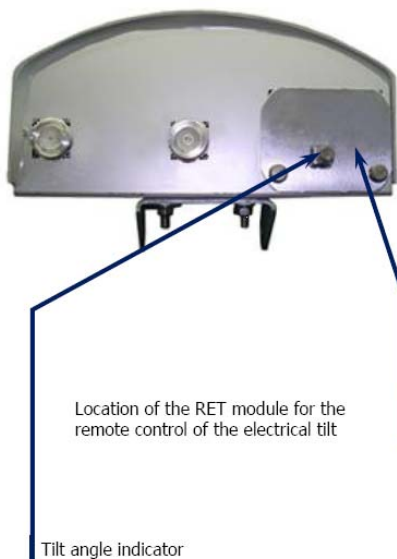
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Environmental			
Operating temperature range	-40° to +60° C	-40° to +140° F	
Environmental	ETS 300 019		
RoHS compliant	Yes		
Mechanical Characteristics			
Dimensions HxWxD	2690 x 287 x 138 mm	105.9 x 11.3 x 5.4 in	
Weight without brackets	17 kg	37.5 lbs	
Survival wind speed	200 km/hr	124 mph	
Operational wind speed	160 km/hr	99 mph	
Wind load @ 160 km/hr (100 mph)	Front: 819 N Side: 480 N Back: 1160N	Front: 184 lbf Side: 108 lbf Back: 261 lbf	
Shroud	Outdoor plastic, grey RAL7035		
Packaging			
Packing dimensions	2930 x 330 x 210 mm	115.3 x 13 x 8.3 in	
Packing weight	26 kg	57.3 lbs	
Packing volume	0.203 m <sup>3</sup>	7.2 ft <sup>3</sup>	
Mounting Options (Installation accessories to be ordered separately)			
Description:	Part number:	Fits pipe diameter:	Weight:
Mounting bracket kit	0900393/00	48-115 mm 1.9-4.5 in	5.1 kg 11.2 lbs
Mounting bracket kit	0900501/00	70-150 mm 2.8-5.9 in	5.8 kg 12.8 lbs
Kit to add mechanical downtilt (0-10°)	0900394/00	---	3.1 kg 6.8 lbs
Wall mount with azimuth pan	0900395/00	---	2.3 kg 5.1 lbs
Wall mount with mech. tilt & az. pan	0900533/00	---	4.4 kg 9.7 lbs
Installation			
Always use the three mounting points to install the antenna. Do not install the antenna with the connectors facing upwards.			



Bottom View



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