

5162100 is a 65° sector wide band GSM1800/GSM1900/UMTS antenna fully housed in a fiberglass shroud. The antenna features variable electrical tilt with manual adjustment and can be fitted with an optional remote control.

5162100

X-Pol | VET Panel | 65° | 18.5 dBi

Electrical Characteristics

Frequency band	1710-2170 MHz	
Polarization	±45°	
Horizontal beamwidth	65°	
Vertical beamwidth	6°	
Gain	18.5 dBi	
Electrical downtilt	0-10°	
Impedance	50 Ω	
VSWR	< 1.4:1	
Upper sidelobe rejection	Better than 18 dB	
Front-to-Back ratio	> 25 dB	
Null fill	Better than 18 dB	
Isolation between ports	> 30 dB	
IM3 (2x20W carrier)	-153 dBc	
Maximum power per port	160 W	

Mechanical Characteristics

Dimensions HxWxD	1690 x 157 x 69 mm	66.5 x 6.2 x 2.7 in
Weight without brackets	8.4 kg	19 lbs
Wind speed	160 km/hr	100 mph
Wind load @ 160 km/hr (100 mph)	340 N	76 lbf
Connector(s)	2 ports / 7/16 DIN / Female / "Long Neck" / Bottom	
Shroud	Fiberglass extrusion, Grey RAL 7035	

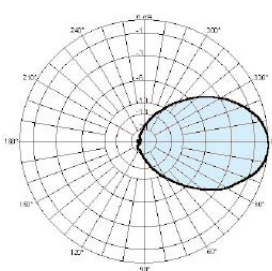
Mounting Options (Installation accessories to be ordered separately)

Description:	Part number:	Fits pipe diameter:	Weight
Mounting bracket kit	0900390/00	48-115 mm 1.9-4.5 in	2.55 kg 5.6 lbs
Kit to add mechanical downtilt (0-14°)	---	---	

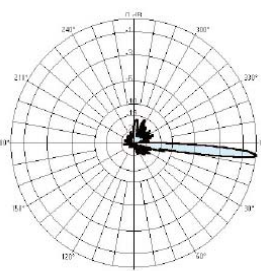
Notes: Mounting plates add 45 mm (1.8 in) to top and bottom. Mechanical control of the electrical tilt does not add additional length at the bottom of antenna. The optional remote control of the electrical tilt fits completely inside the antenna. The remote controlled antenna still has the manual control capability and the tilt angle indicators.



Horizontal Plane



Vertical Plane



Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.