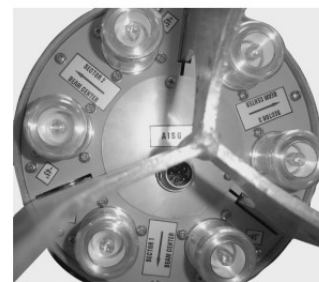


1710-2170MHz 3-Sector Remote Tilt Pipe Antenna

Electrical Specifications

Frequency Range	1710 - 2170 MHz
Gain	17.5 dBi GSM1800, 18.5 dBi UMTS
Return Loss	> 15 dB
Polarization	Dual Slant $\pm 45^\circ$
Horizontal Beamwidth	65°
Vertical Beamwidth	7° with nulfill
Electrical Downtilt	0° - 10° adjustable (No manual Override)
Upper Sidelobe Level	< -16 dB
Front to Back Ratio	> 25 dB
Isolation Between Ports	> 30 dB
Isolation Between Sectors	> 30 dB
Power Rating	300W
Intermodulation	< -150 dBc (2 x 43 dBm)
Impedance	50 ohm
Connector Type	7-16 DIN female
RET	AISG connector on base, motor internal
Interface	AISG, 3GPP, software uploadable



Mechanical Specifications

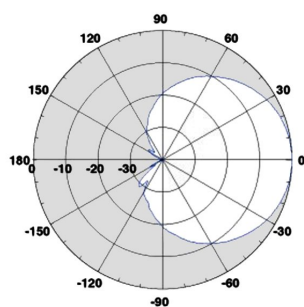
Anetenna Diameter	160 mm
Antenna Length	1560 mm (pipe mount 190mm)
Interface	Circular flange
Length of Pipe Mount	195 mm
Weight	16.6 kg
Radome Material	Polyester Fibreglass pultrusion

Maximum Environmental Ratings

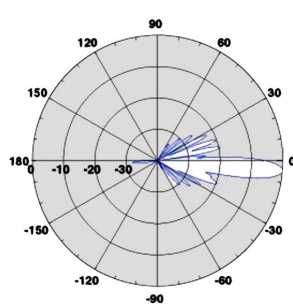
Humidity	95% RH @ + 30°c
Lateral Loading	0.27 kN @ 160 km/h
Rain	140 mm per hour
Rated Wind Velocity	200 km/h
Temperature	-40° to +70°C

Product Options

Mounting base cover (order separately) JPC-1



Azimuth



Elevation

Last Updated: 08-08-2007



Argus Technologies (Australia) Pty Ltd

10-12 Lexington Drive, Norwest Business Park, Bella Vista NSW 2153 Australia

T +61 2 8884 0888 F +61 2 8884 0882 E info@argusantennas.com W www.argusantennas.com

Argus Technologies is continually improving products. Specifications may change at any time without notice