

Product Data Sheet for PHP-220

ETSI class 3 Arcep 33059

Planar High Performance Microwave Antenna

DICONEX Planar High Performance single polarized Microwave Antenna PHP-220 is designed for short-haul microwave systems in microwave range from 21.2 GHz to 23.6 GHz. This antenna can be easily fusionned in an urban environment, plated against frontage of buildings, well suited to link cellular base stations to the cellular network. This antenna includes a low loss solid radome and meets the high performance ETSI Classe 3 radiation characteristics

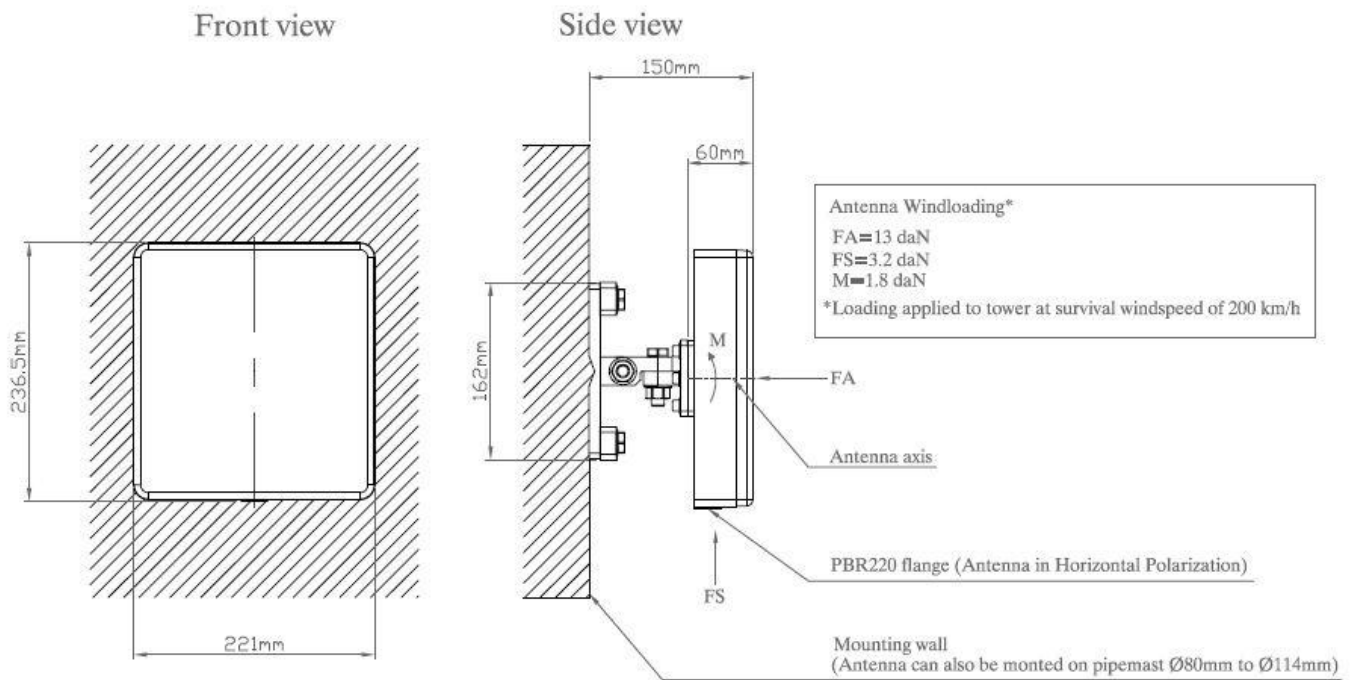


Product Specifications

Product Type	Urban Point to Point Planar Antenna
Frequency, GHz	21,2 – 23,6
Dimensions (height x width x depth), mm	236.5 x 221 x 60
Weight, Kg	5
Polarization	Single
3 dB beamwidth, degrees	6
Antenna input	PBR 220
Low band Gain, dBi	23
Mid Band Gain, dBi	23,5
High Band Gain, dBi	24
Front-to-back ratio, dB	54
Cross polarization, dB	-28
Max VSWR / RL, dB	1,5 /- 14
Elevation Adjustment, degrees	+/- 30
Azimuth Adjustment, degrees	+/- 30
Polarization Adjustment	+/- 3
Radome	included
Maximum wind, km/h	200
Regulatory Compliance	Classe 3, range 3, ETSI EN 300 833

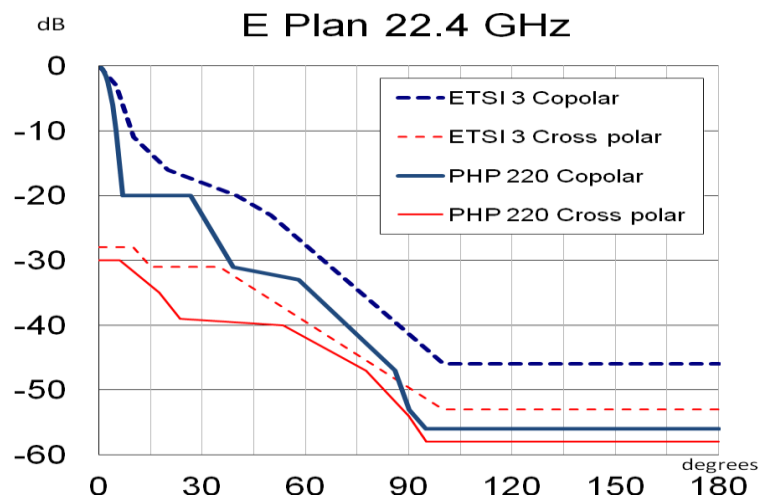
Preliminary Product Data Sheet for PHP-220 (cont.)

Mount Outlines and Mechanical Details / Windloading Forces



Radiating Pattern Enveloppe

Classe 3, range 3, ETSI EN 300 833



Part N°

99-0072



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