

Dualpol Quadport Antenna

Product Description

These are cross-polarized four port base station antennas. This single antenna covers CDMA and GSM900 Band.

Technical Specifications

Model	TQ-80H-9-65-VET
Antenna type	Panel

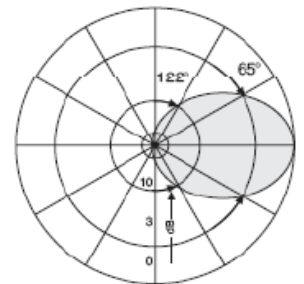
Electrical Specifications

Frequency Range (MHz)	806 - 896 & 870 - 960
Gain (dBi)	17 & 17.5
Beam Width (H-Plane), in deg	67 & 65
Beam Width (E-Plane), in deg	8 & 7.5
Electrical Tilt: (deg)	0 - 8
Polarization	Dual Linear +/- 45° Slant
VSWR:	<1.5:1
Intermodulation IM3 (2x43 dBm carrier) in dBc	-150
Upper side lobe suppression(dB)	>15
Cross Polar Discrimination(dB)	25
Front to Back Ration Co-polar(dB)	30
Isolation between Ports (dB)	25
Impedance (ohms)	50
Maximum power per input(watts)	200
Termination:	7/16 DIN (F)

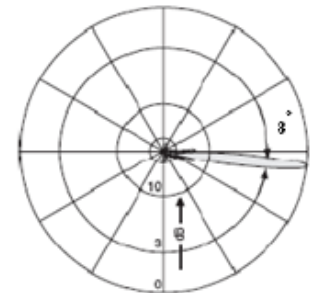
Mechanical Specifications

Lightning Protection:	DC Grounded
Dimension (mm)	2780 x 610 x 150
Weight (Kg's)	36
Material	UV Stabilized ABS
Temp Range	-20°C to + 60°C
Rated Wind Velocity (Km/hour)	200

Antenna Patterns



Horizontal Pattern



Vertical Pattern