

Electrical Properties												
Frequency range (MHz)	2 x (1710 - 2690)											
	1710 - 1990			1920 - 2200			2200 - 2490			2490 - 2690		
Polarization	+45°, -45°											
Electrical downtilt (°)	0 - 14, continuously adjustable											
Gain (dBi)	0°	7°	14°	0°	7°	14°	0°	7°	14°	0°	7°	14°
	14.8	14.8	14.3	15.1	15.3	14.8	15.5	15.7	15.2	15.5	15.7	15.2
Side lobe suppression (Typ.) (dB)	0°	7°	14°	0°	7°	14°	0°	7°	14°	0°	7°	14°
	17	16	15	17	16	15	17	16	15	17	16	15
-for first side lobe above main beam -within 0° - 15° sector above horizon	16	15	15	16	15	15	16	15	15	16	15	15
Horizontal 3dB beam width (°)	67			65			63			60		
Vertical 3dB beam width (°)	12			11			10			9		
VSWR	< 1.5											
Isolation between ports (dB)	≥ 30											
Front to back ratio, copolar (dB)	Typ. 28											
Cross polar ratio (dB)	0°	Typ. 20										
	±60°	Typ. 10										
Max. power per input (W)	250 (at 50°C ambient temperature)											
Intermodulation IM3 (dBc)	≤ -153 (2 x 43 dBm carrier)											
Impedance (Ω)	50											
Grounding	DC Ground											

Mechanical Properties	
Antenna dimensions (H x W x D) (mm)	790 x 299x 109
Packing dimensions (H x W x D) (mm)	1300 x 410 x 205
Antenna net weight (kg)	13
Bracket weight (kg)	4.6
Packing weight (kg)	22
Mechanical downtilt (°)	0 - 16
Mast diameter (mm)	50 - 115
Radome material	Fiberglass
Radome colour	Light grey
Operational temperature (°C)	-55 .. +65
Wind load (N)	Frontal: 320 (at 150 km/h) Lateral: 60 (at 150 km/h) Rear side: 365 (at 150 km/h)
Max. operational wind speed (km/h)	150
Survival wind speed (km/h)	200
Connector	4 x 7/16 DIN Female
Connector position	Bottom