

Eurocell Panels GSM 900 – Vertical Polarization

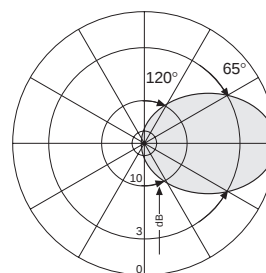
65° Half-power Beam Width

KATHREIN

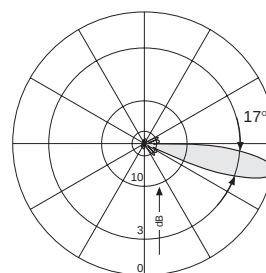
Antennen · Electronic

Panel 900 65° 15dBi 12°T

Type No.	737 735
Input	7-16 female
Connector position	Bottom
Frequency range	880 – 960 MHz
VSWR	< 1.3
Gain	15 dBi
Impedance	50 Ω
Polarization	Vertical
Front-to-back-ratio	> 25 dB
Half-power beam width	H-plane: 65°/ E-plane: 17° 12° electr. downtilt sidelobe supression: > 20 dB (0° ... 40° above horizon)
Max. power	500 Watt (at 50 °C ambient temperature)
Weight	6 kg
Wind load	Frontal: 220 N (at 150 km/h) Lateral: 140 N (at 150 km/h) Rearside: 490 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	1422 x 272 x 160 mm
Height/width/depth	1294 / 258 / 103 mm



Horizontal Pattern

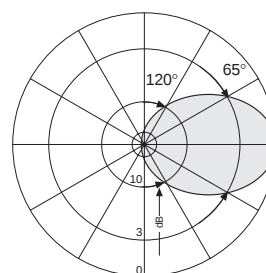


Vertical Pattern
12° electr. downtilt

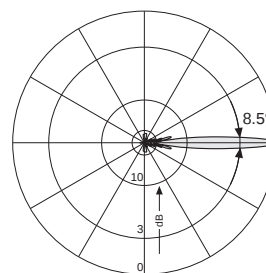


Panel 800/900 65° 17dBi

Type No.	730 691	738 407
Input	7-16 female	
Connector position	Rearside	
Frequency range	870 – 960 MHz	824 – 960 MHz
VSWR	< 1.3	< 1.5
Gain	17 dBi	
Impedance	50 Ω	
Polarization	Vertical	
Front-to-back-ratio	> 25 dB	
Half-power beam width	H-plane: 65°/ E-plane: 8.5°	
Max. power	500 Watt (at 50 °C ambient temperature)	
Weight	9 kg	
Wind load	Frontal: 340 N (at 150 km/h) Lateral: 220 N (at 150 km/h) Rearside: 750 N (at 150 km/h)	
Max. wind velocity	200 km/h	
Packing size	2062 x 272 x 160 mm	
Height/width/depth	1934 / 258 / 103 mm	



Horizontal Pattern



Vertical Pattern