

# Eurocell Flat Panel

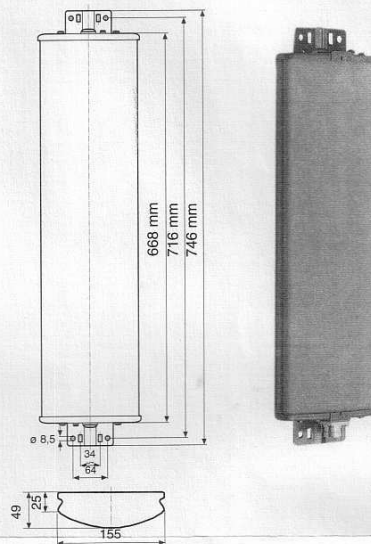
## 90° Half-power Beam Width

### 739 102

**KATHREIN**  
Antennen · Electronic

#### F-Panel 1900 90° 14dBi

Type No.	739 102
Connector position	Bottom or top
Input	7-16 female
Frequency range	1850 – 1990 MHz
Gain	14 dBi
VSWR	< 1.3
Impedance	50 Ω
Polarization	Vertical
Front-to-back ratio	> 23 dB
Half-power beam width	H plane: 90° / E plane: 13°
Max. power	350 Watt (at 50 °C ambient temperature)
Weight	2.7 kg
Wind load	Frontal: 160 N (at 150 km/h) Lateral: 35 N (at 150 km/h) Rearside: 160 N (at 150 km/h)
Max. wind velocity	200 km/h
Height/width/depth	668 mm/155 mm/max. 49 mm



**Material:** – Reflector screen and radiator: Copper.  
Radome: Fiberglass, colour grey.  
All screws and nuts: Stainless steel.

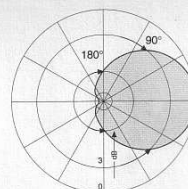
**Mounting:** – Walls: Using two mounting plates already attached to the antenna.  
Masts: Using two clamps suitable for the mast diameter (not supplied).

**Ice protection:** – Since the radiating system fully protected by the radome and due to its very sturdy construction, the antenna remains fully operational even under icy conditions.

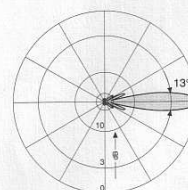
**Grounding:** – The metal parts of the antenna including the mounting kit are DC grounded. The inner conductor is also DC grounded.

#### Accessories (order separately)

Type No.	Description	Remarks
734 360	2 Clamps	30 – 55 mm diameter
734 361	2 Clamps	55 – 75 mm diameter
734 362	2 Clamps	75 – 95 mm diameter
734 363	2 Clamps	95 – 115 mm diameter
734 364	2 Clamps	115 – 135 mm diameter
732 321	1 downtilt kit	Downtilt angle: 0° – 20° Use the downtilt kit together with 2 clamps suitable for the mast diameter.



Horizontal



Vertical

9361206/01 Subject to alteration