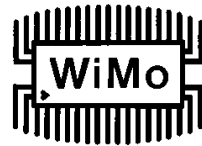


## Flachantenne für UMTS

directional antenna for UMTS  
Best.Nr. 18039.18



Gekapselte Flachantenne für Außenmontage mit 18 dBi Gewinn. Öffnungswinkel 15x30°, Lieferung mit nach unten neigbarer Mastschelle für 25-50mm Mastdurchmesser, Anschluß N-Buchse. Abmessungen 50x25cm, Gewicht 1.2 Kg.

Flat panel antenna with radome for outdoor installations, 18 dBi gain. Radiation angle approx 15x30°, includes mast bracket for downtilt, mast diameter from 25 to 50mm, connector N female. Size 50x25cm, weight 1.2Kg.



im Bild mit vertikaler Polarisation montiert



vertical polarization if mounted as shown

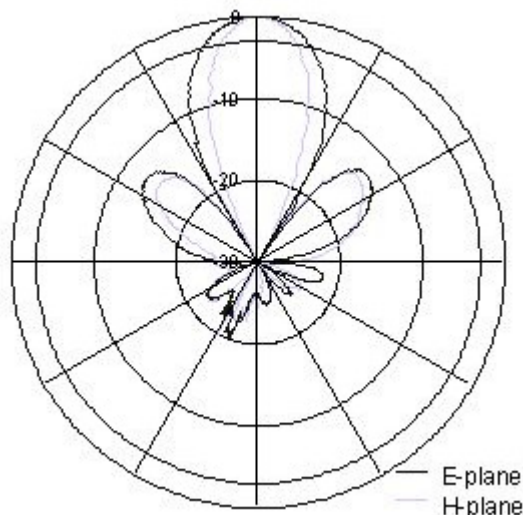
### Electrical parameters

Frequency range	1900 – 2200 MHz
Gain (at center frq.)	18 dBi
VSWR	<2
3dB beam width	E: 16° H: 30°
Front-to-back ratio	>15 dB
Impedance	50 Ω
Max input power	10 W
Polarization	Linear (V or H)

### Mechanical parameters

Cover material	White PVC
Elements material	Aluminium
Holder material	Galvanised steel
Mast clamp	25 – 50 mm
Temperature	-30 °C - +60 °C
Connector	N <sub>female</sub>
Dimensions	500x250x25 mm
Weight	1200 g

Radiation pattern:



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