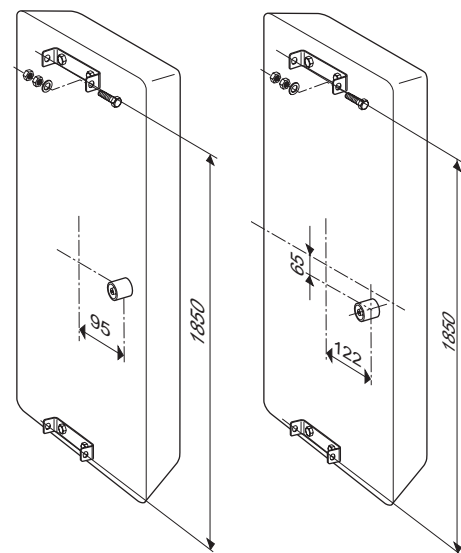


**Panel 390/420 65° 14dBi | Panel 420/450 68° 15dBi**

Type No.	K 73 33 37	K 73 33 21	K 73 33 27
Input	7-16 female	N female	7-16 female
Frequency range	380 – 430 MHz	400 – 512 MHz	
VSWR	< 1.5	< 1.2	
Gain	14 dBi	15 dBi	
Impedance	50 Ω		
Polarization	Vertical		
Half-power beam width	H-plane: 65° E-plane: 20°	H-plane: 68° E-plane: 17°	
Max. power	500 Watt	620 Watt	1030 Watt
	(at 50 °C ambient temperature)		
Weight	19 kg		
Wind load	Frontal:	1100 N (at 150 km/h)	
	Lateral:	440 N (at 150 km/h)	
	Rearside:	1540 N (at 150 km/h)	
Max. wind velocity	180 km/h		
Packing size	2062 x 562 x 274 mm		
Height/width/depth	1983 / 485 / 190 mm		

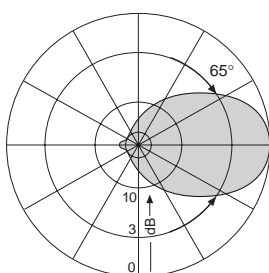


- Arrays:** This antenna is especially suitable as a component in arrays to achieve various radiation patterns.
- Scope of supply:** Antenna including two weather-proof covers for straight and elbow connector, but without mounting hardware.
- Material:** Radiators: Silver-plated copper.  
Reflector screen: Weather-resistant aluminum.  
Radome: Fiberglass, colour: Grey.  
All screws and nuts: Stainless steel.
- Attachment:** Use clamps K 61 14 0 .. for tubular mast diameters of 40 – 521 mm (see the “Mounting Hardware” part of this catalogue).
- Ice protection:** Due to the very sturdy antenna construction and the protection of the radiating system by the radome, the antenna remains operational even under icy conditions.
- Grounding:** All metal parts of the antenna including the mounting kit and the inner conductor are DC grounded.



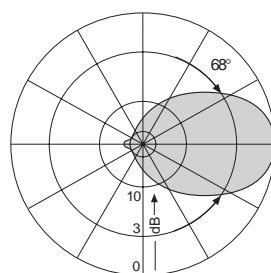
K 73 33 37      K 73 33 2.

Mounting Dimensions

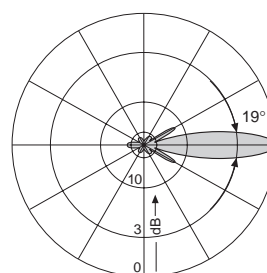


K 73 33 37

Horizontal Pattern

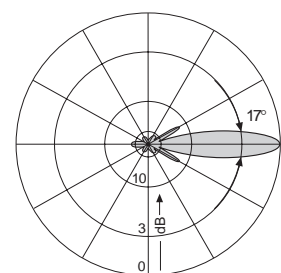


K 73 33 2.



K 73 33 37

Vertical Pattern



K 73 33 2.