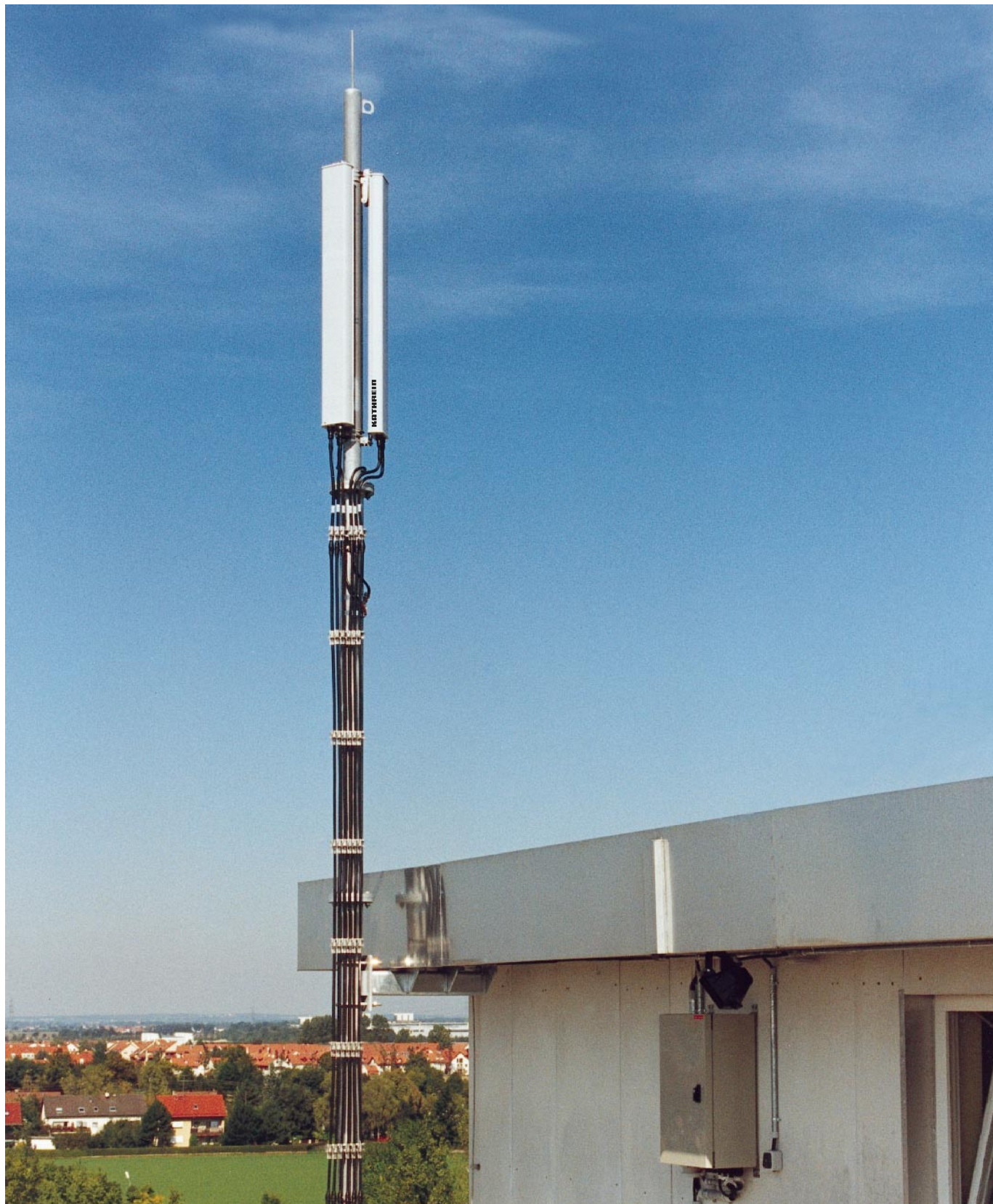


380-512 MHz

Base Station Antennas for Mobile Communications



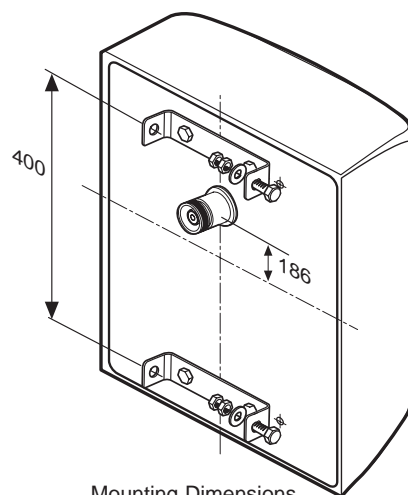
360 – 512 MHz

Type	Type No.	Frequency Range	Height	Input	Max. Power	Page
Panel 420/450 63° 9 dBi	K 73 36 21	406 – 512 MHz	493 mm	N female	500 W	16
Panel 390/420 65° 11 dBi	K 73 30 37	380 – 430 MHz	992 mm	7-16 female	500 W	17
Panel 420/450 67° 12 dBi	K 73 30 21	400 – 512 MHz	992 mm	N female	620 W	17
Panel 420/450 67° 12 dBi	K 73 30 27	400 – 512 MHz	992 mm	7-16 female	840 W	17
Panel 390/420 65° 14 dBi	K 73 33 37	380 – 430 MHz	1983 mm	7-16 female	500 W	18
Panel 420/450 68° 15 dBi	K 73 33 21	400 – 512 MHz	1983 mm	N female	620 W	18
Panel 420/450 68° 15 dBi	K 73 33 27	400 – 512 MHz	1983 mm	7-16 female	1030 W	18
Panel 450 110° 13 dBi	738 049	440 – 470 MHz	2574 mm	7-16 female	500 W	19
Panel 390/420 115° 8.5 dBi	739 504	380 – 430 MHz	974 mm	7-16 female	500 W	20
Panel 390/420 115° 11.5 dBi	739 506	380 – 430 MHz	1934 mm	7-16 female	500 W	20
Panel 420/450 120° 9 dBi	731 291	400 – 470 MHz	992 mm	7-16 female	500 W	21
Panel 450 200° 11 dBi	738 050	440 – 470 MHz	2574 mm	7-16 female	500 W	22
LogPer 420/450 67° 10.5 dBi	K 72 22 41	406 – 512 MHz	353 mm	N female	300 W	23
LogPer 420/450 67° 10.5 dBi	K 72 22 47	406 – 512 MHz	353 mm	7-16 female	300 W	23
XPOL-Panel						
380-500 65° 12 dBi	741 515	380 – 500 MHz	992 mm	2 x 7-16 female	500 W	24
380-500 65° 15 dBi	741 516	380 – 500 MHz	1983 mm	2 x 7-16 female	500 W	25
380-430 68° 14.5 dBi 6°T	742 242	380 – 430 MHz	2000 mm	2 x 7-16 female	500 W	25
LogPer 450/900 68° 10.5 dBi	739 990	400 – 512 MHz	353 mm	7-16 female	100 W	26
60° 11.5 dBi		824 – 960 MHz				
LogPer 420/450 87° 9 dBi	K 73 23 21	406 – 512 MHz	400 mm	N female	500 W	27
Corner 390/420 44° 11 dBi	K 73 12 21	360 – 490 MHz	500 mm	N female	180 W	28
/450						
Helix 420/450 33° 12 dBi	K 73 51 21	400 – 470 MHz	718 mm	N female	500 W	29
RHCP						

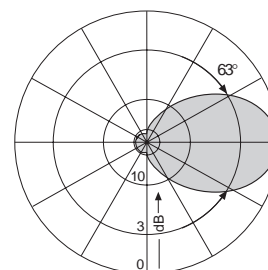
Panel 420/450 63° 9dBi

Type No.	K 73 36 21
Input	N female
Frequency range	406 – 512 MHz
VSWR	< 1.4
Gain	9 dBi
Impedance	50 Ω
Polarization	Vertical
Half-power beam width	H-plane: 63° / E-plane: 63°
Max. power	500 Watt (at 50 °C ambient temperature)
Weight	6 kg
Wind load	Frontal: 220 N (at 150 km/h) Lateral: 100 N (at 150 km/h) Rearside: 330 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	603 x 567 x 282 mm
Height/width/depth	493 / 493 / 209 mm

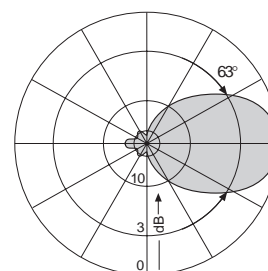
Arrays:	This antenna is especially suitable as a component in arrays to achieve various radiation patterns.
Scope of supply:	Antenna including two weather-proof covers for straight and elbow connector, but without mounting hardware.
Material:	Dipoles and reflector screen: Weather-resistant aluminum. Radome: Fiberglass, colour: White. 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 are DC grounded. The inner conductor is capacitively coupled.



Mounting Dimensions



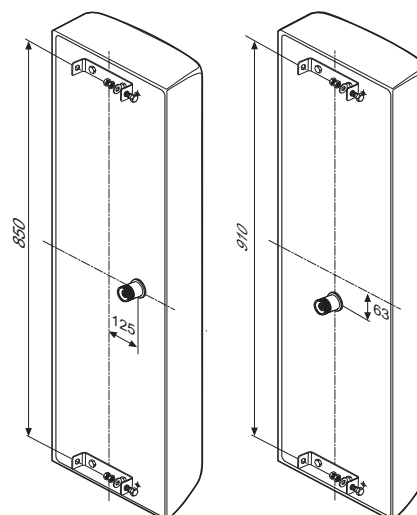
Horizontal Pattern



Vertical Pattern

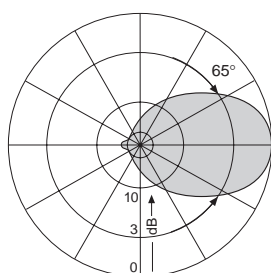
Panel 390/420 65° 11dBi | Panel 420/450 67° 12dBi

Type No.	K 73 30 37	K 73 30 21	K 73 30 27
Input	7-16 female	N female	7-16 female
Frequency range	380 – 430 MHz	400 – 512 MHz	
VSWR	< 1.5	< 1.2	
Gain	11 dBi	12 dBi	
Impedance		50 Ω	
Polarization		Vertical	
Half-power beam width	H-plane: 65° E-plane: 36°	H-plane: 67° E-plane: 33°	
Max. power	500 Watt	620 Watt	840 Watt
	(at 50 °C ambient temperature)		
Weight		12 kg	
Wind load	Frontal:	500 N (at 150 km/h)	
	Lateral:	220 N (at 150 km/h)	
	Rearside:	715 N (at 150 km/h)	
Max. wind velocity		200 km/h	
Packing size		1062 x 562 x 274 mm	
Height/width/depth		992 / 492 / 190 mm	

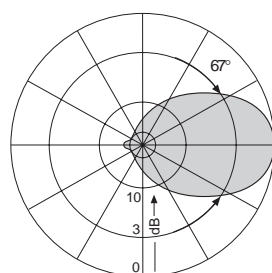


K 73 30 37 K 73 30 2.
Mounting Dimensions

- 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.

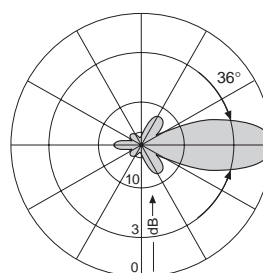


K 73 30 37

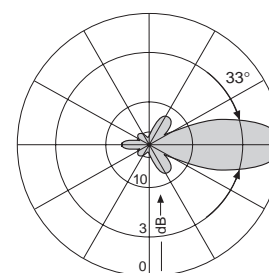


K 73 30 2.

Horizontal Pattern



K 73 30 37



K 73 30 2.

Vertical Pattern

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.

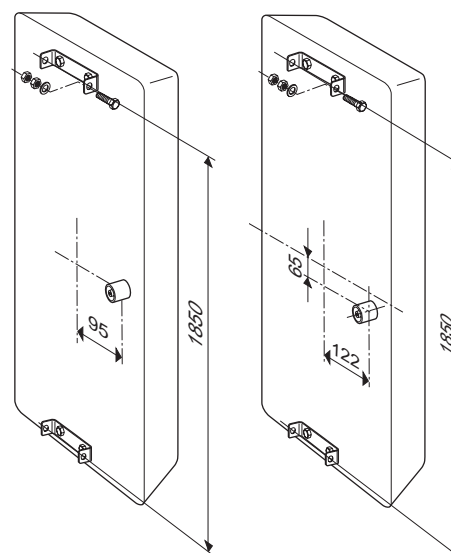
Scope of supply: Antenna including two weather-proof covers for straight and elbow connector, but without mounting hardware.

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.

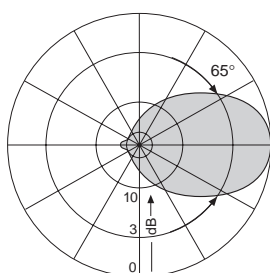
Grounding: All metal parts of the antenna including the mounting kit and the inner conductor are DC grounded.



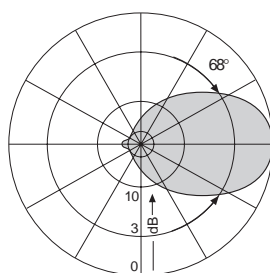
K 73 33 37

K 73 33 2.

Mounting Dimensions

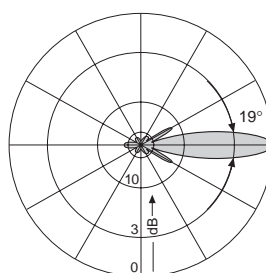


K 73 33 37

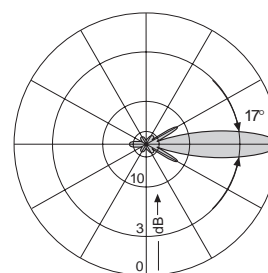


K 73 33 2.

Horizontal Pattern



K 73 33 37



K 73 33 2.

Vertical Pattern

Panel 450 110° 13dBi

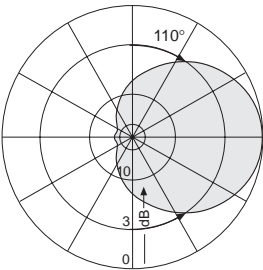
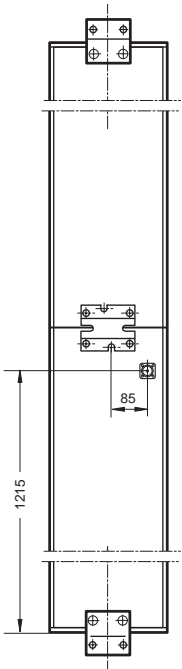
Type No.	738 049
Input	7-16 female
Frequency range	440 – 470 MHz
VSWR	< 1.5
Gain	13 dBi
Impedance	50 Ω
Polarization	Vertical
Front-to-back ratio	> 18 dB
Half-power beam width	H-plane: 110° / E-plane: 15°
Max. power	500 Watt (at 50 °C ambient temperature)
Weight	12 kg
Wind load	Frontal: 460 N (at 150 km/h) Lateral: 300 N (at 150 km/h) Rearside: 1020 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	2702 x 272 x 160 mm
Width/height/depth	2574 / 258 / 103 mm

Material: Radiator: Silver plated copper.
Reflector screen: Weather-resistant aluminum.
Radome: Fiberglass, colour: Grey.
All screws and nuts: Stainless steel.

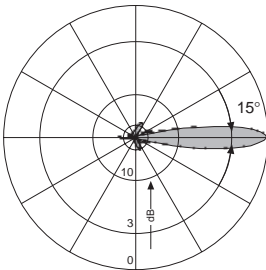
Attachment: See the “Mounting Hardware” part of this catalogue.

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.

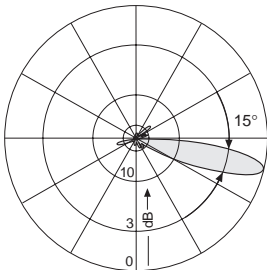


Horizontal Pattern



Vertical Pattern

738 049



Vertical Pattern
12° elektr. downtilt
737 439

Panel 390/420 115° 8.5dBi | Panel 390/420 115° 11.5dBi

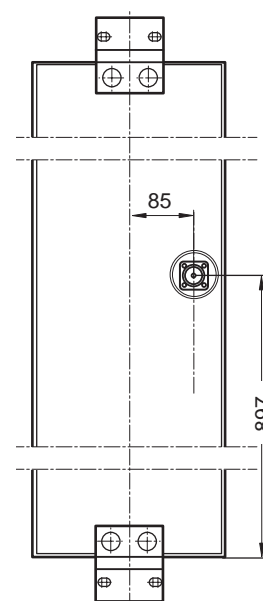
Type No.	739 504	739 506
Input	7-16 female	
Frequency range	380 – 430 MHz	
VSWR	< 1.5	
Gain	8.5 dBi	11.5 dBi
Impedance	50 Ω	
Polarization	Vertical	
Front-to-back ratio	> 18 dB	
Half-power beam width	H-plane: 115° E-plane: 33°	H-plane: 115° E-plane: 18°
Max. power	500 Watt (at 50 °C ambient temperature)	
Weight	4.5 kg	9 kg
Wind load	Frontal: 160 N (at 150 km/h) Lateral: 100 N (at 150 km/h) Rearside: 360 N (at 150 km/h)	340 N (at 150 km/h) 220 N (at 150 km/h) 750 N (at 150 km/h)
Max. wind velocity	200 km/h	
Packing size	1102 x 272 x 160 mm	2062 x 272 x 160 mm
Height/width/depth	974 / 258 / 103 mm	1934 / 258 / 103 mm

Material:
Radiator: Copper, tin-plated.
Reflector screen: Weather-resistant aluminum.
Radome: Fiberglass, colour: Grey.
All screws and nuts: Stainless steel.

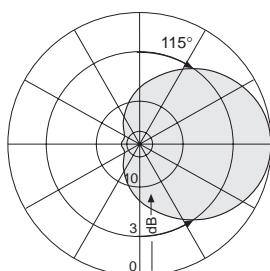
Attachment:
See the "Mounting Hardware" part of this catalogue.

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.

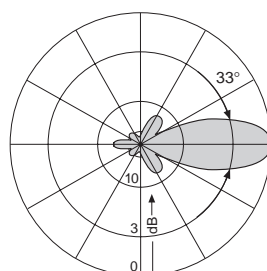
Grounding:
All metal parts of the antenna including the mounting kit and the inner conductor are DC grounded.



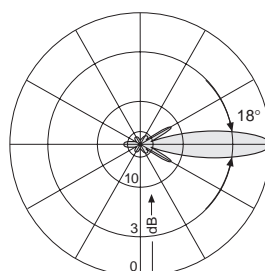
739 506



Horizontal Pattern



Vertical Pattern
739 504



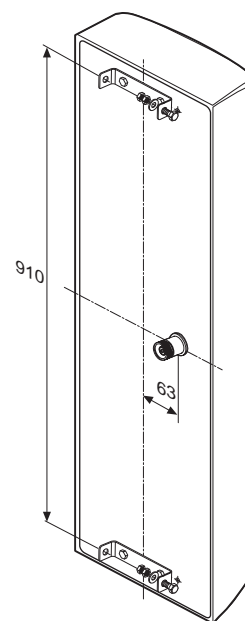
Vertical Pattern
739 506

Panel 420/450 120° 9dBi

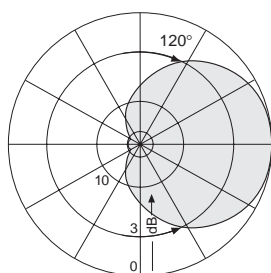
Type No.	731 291
Input	7-16 female
Frequency range	400 – 470 MHz
VSWR	< 1.5
Gain	9 dBi
Impedance	50 Ω
Polarization	Vertical
Front-to-back ratio	> 22 dB
Half-power beam width	H-plane: 120° / E-plane: 50°
Max. power	500 Watt (at 50 °C ambient temperature)
Weight	9 kg
Wind load	Frontal: 500 N (at 150 km/h) Lateral: 220 N (at 150 km/h) Rearside: 715 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	1062 x 562 x 274 mm
Height/width/depth	992 / 492 / 190 mm



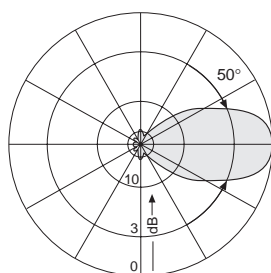
Scope of supply:	Antenna including two weather-proof covers for straight and elbow connector, but without mounting hardware.
Material:	Dipole system: Brass and copper. Reflector screen: Weather-resistant aluminum. Radome: Fiberglass, colour: White. All screws and nuts: Stainless steel.
Attachment:	Use 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.



Mounting Dimensions



Horizontal Pattern



Vertical Pattern

Panel 450 200° 11dBi

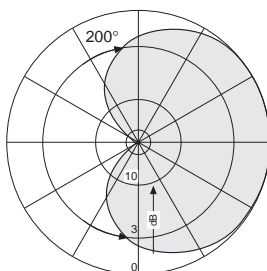
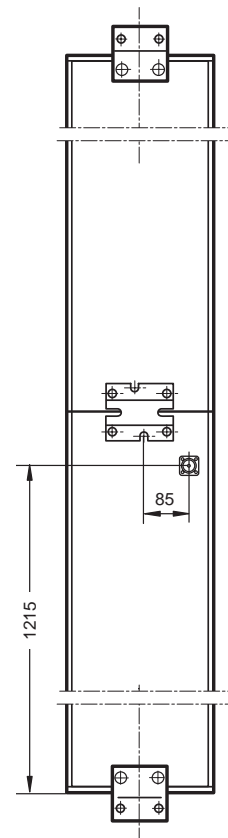
Type No.	738 050
Input	7-16 female
Frequency range	440 – 470 MHz
VSWR	< 1.5
Gain	11 dBi
Impedance	50 Ω
Polarization	Vertical
Front-to-back ratio	> 18 dB
Half-power beam width	H-plane: 200° / E-plane: 15°
Max. power	500 Watt (at 50 °C ambient temperature)
Weight	14 kg
Wind load	Frontal: 530 N (at 150 km/h) Lateral: 390 N (at 150 km/h) Rearside: 1020 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	2702 x 272 x 160 mm
Height/width/depth	2574 / 258 / 103 mm (460 mm incl. subreflector)

Material:
Radiator: Copper, tin-plated.
Reflector screen: Weather-resistant aluminum.
Radome: Fiberglass, colour: Grey.
All screws and nuts: Stainless steel.

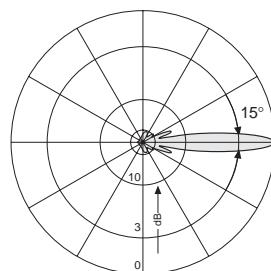
Attachment:
See the "Mounting Hardware" part of this catalogue.

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.



Horizontal Pattern



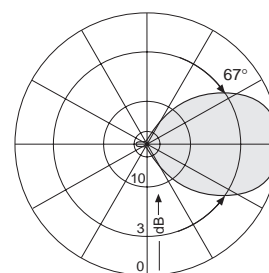
Vertical Pattern

LogPer 420/450 67° 10.5dBi

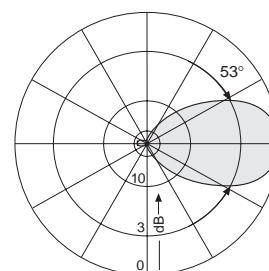
Type No.	K 72 22 41	K 72 22 47
Input	N female	7-16 female
Frequency range	406 – 512 MHz	
VSWR	< 1.4	
Gain	10.5 dBi	
Impedance	50 Ω	
Side-lobe suppression	> 25 dB at 440 – 512 MHz > 20 dB at 406 – 440 MHz	
Polarization	Either horizontal or vertical by relocating two clamps	
Half-power beam width	H-plane: 67° / E-plane: 53°	
Max. power	300 Watt (at 50 °C ambient temperature)	
Weight	9 kg	
Wind load (at 150 km/h)	Horizontal: Frontal 55 N, lateral 90 N Vertical: Frontal 55 N, lateral 440 N	
Max. wind velocity	180 km/h	
Packing size	1172 x 372 x 225 mm	
Width/height/depth	1153 / 353 / 180 mm	



Arrays:	Several antennas can be combined to increase the gain and to produce radiation patterns with very high side-lobe suppressions.
Scope of supply:	Antenna with weather protective casing for straight connectors.
Material:	Radiator and mounting kit: Aluminum. Radome: Fiberglass, colour: Grey. All screws and nuts: Stainless steel.
Attachment:	To tubular masts of 48 – 115 mm diameter using supplied clamps.
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.



Radiation Pattern
in H-plane



Radiation Pattern
in E-plane

Two independent systems for +45° and –45° polarization

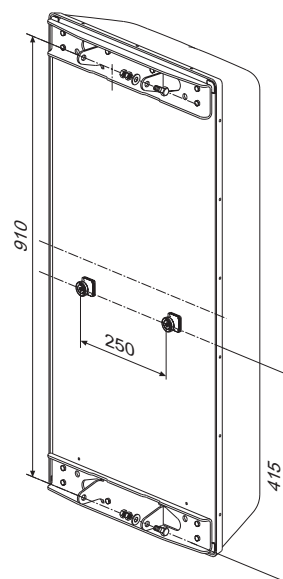
XPol Panel 380–500 65° 12dBi

Type No.	741 515
Input	2 x 7-16 female
Connector position	Rearside
Frequency range	380 – 500 MHz
VSWR	< 1.5
Gain	12 dBi (430 – 500 MHz) 11.5 dBi (380 – 430 MHz)
Impedance	50 Ω
Polarization	+45°; –45°
Front-to-back ratio, copolar	> 25 dB
Half-power beam width	± 45° polarization Horizontal: 65°, vertical: 36°
Isolation	> 30 dB
Max. power	500 Watt (at 50 °C ambient temperature)
Weight	8 kg
Wind load	Frontal: 550 N (at 150 km/h) Lateral: 220 N (at 150 km/h) Rearside: 715 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	1062 x 562 x 274 mm
Height/width/depth	992 / 492 / 190 mm

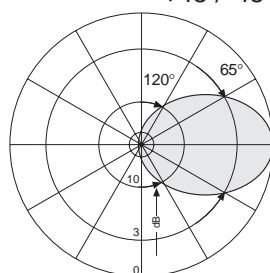
Material:
Radiators: Tin-plated copper.
Reflector screen: Weatherproof aluminum.
Radome: Fiberglass, colour: Grey.
All screws and nuts: Stainless steel.

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.

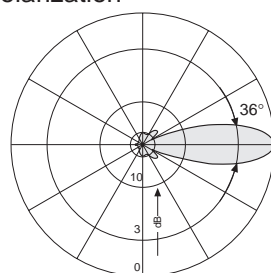
Grounding:
The metal parts of the antenna including the mounting kit and the inner conductors are DC grounded.



+45°/-45° Polarization



Horizontal Pattern

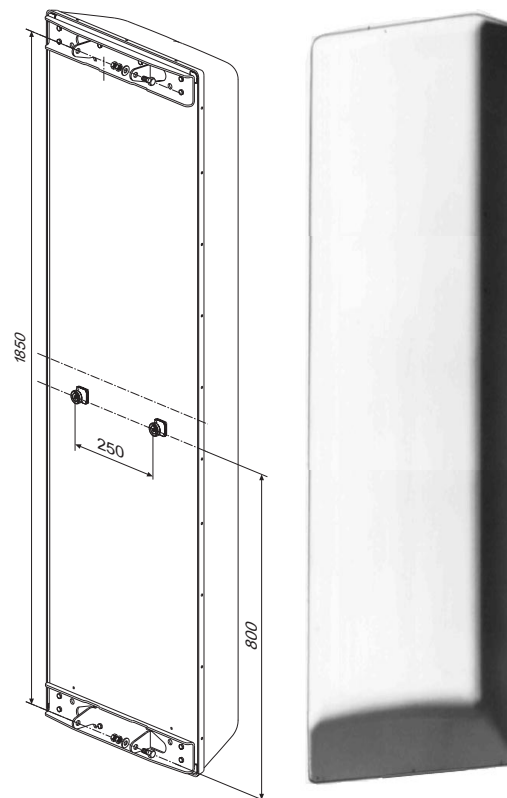


Vertical Pattern

Two independent systems for +45° and –45° polarization

XPol Panel 380–500 65° 15dBi | **XPol Panel 380–430 68° 14.5dBi 6°T**

Type No.	741 516	742 242
Input	2 x 7-16 female	
Connector position	Rearside	
Frequency range	380 – 500 MHz	380 – 430 MHz
VSWR	< 1.5	
Gain	15 dBi (430 – 470 MHz) 14.5 dBi (380 – 430 MHz)	14.5 dBi
Impedance	50 Ω	
Polarization	+45°; –45°	
Front-to-back ratio, copolar	> 25 dB	
Half-power beam width	±45° polarization	
	Horizontal: 65° Vertical: 18°	Horizontal: 68° Vertical: 18° Downtilt: 6°
Isolation	> 30 dB	
Max. power	500 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	200 km/h	
Packing size	2060 x 562 x 274 mm	
Height/width/depth	2000 / 492 / 190 mm	

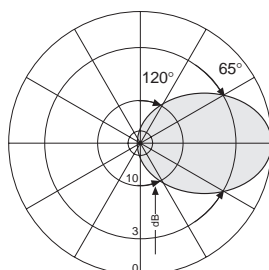


Material:
Radiators: Tin-plated copper.
Reflector screen: Weatherproof aluminum.
Radome: Fiberglass, colour: Grey.
All screws and nuts: Stainless steel.

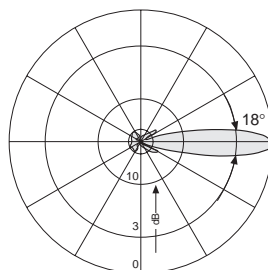
Ice protection:
Due to the very sturdy antenna construction and the protection of the radiating system by the radome, the antenna remains operational even under icy conditions.

Grounding:
The metal parts of the antenna including the mounting kit and the inner conductors are DC grounded.

741 516: +45°/–45° Polarization

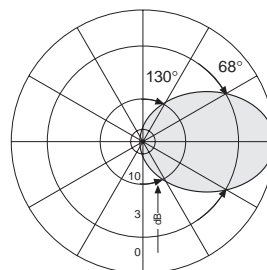


Horizontal Pattern

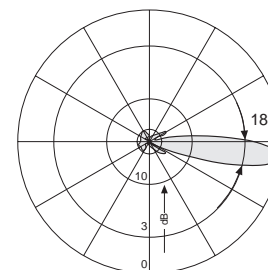


Vertical Pattern

742 242: +45°/–45° Polarization



Horizontal Pattern



Vertical Pattern
6° electr. downtilt

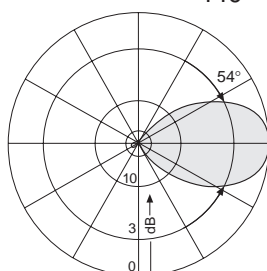
LogPer 450/900 68/60° 10.5/11.5dBi

Type No.	739 990	
Input	7-16 female	
Frequency range	440 – 512 MHz	824 – 960 MHz
VSWR	< 1.4	
Gain	10.5 dBi	11.5 dBi
Impedance	50 Ω	
Polarization	Vertical	
Half-power beam width	H-plane: 68° E-plane: 54°	H-plane: 60° E-plane: 48°
Front-to-back ratio	> 23 dB	
Max. power	100 Watt (at 50 °C ambient temperature)	
Weight	9 kg	
Wind load (at 150 km/h)	Horizontal: Frontal 55 N, lateral 90 N Vertical: Frontal 55 N, lateral 440 N	
Max. wind velocity	180 km/h	
Packing size	1172 x 372 x 225 mm	
Length/width/depth	1160 / 350 / 170 mm	

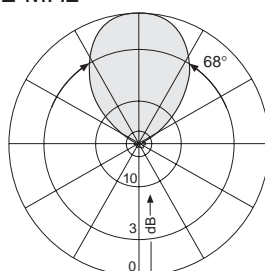


- Material:** Radiator and mounting kit: Aluminum.
Radome: Fiberglass, colour: Grey.
All screws and nuts: Stainless steel.
- Attachment:** To tubular masts of 48 – 115 mm diameter using supplied clamps.
- Ice protection:** Due to the very sturdy antenna construction and the protection of the radiating 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.

440 – 512 MHz

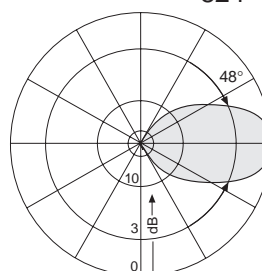


Radiation Pattern
in E-plane

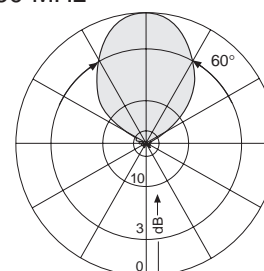


Radiation Pattern
in H-plane

824 – 960 MHz



Radiation Pattern
in E-plane



Radiation Pattern
in H-plane

- Very small wind load

LogPer 450 87° 9dBi

Type No.	K 73 23 21
Input	N female
Frequency range	406 – 512 MHz
VSWR	< 1.3
Gain	9 dBi
Impedance	50 Ω
Side-lobe suppression	> 28 dB at 440 – 512 MHz > 21 dB at 406 – 512 MHz
Polarization	Vertical
Half-power beam width	H-plane: 87° / E-plane: 62°
Max. power	500 Watt (at 50 °C ambient temperature)
Weight	8.3 kg
Wind load	Frontal: 54 N (at 150 km/h) Lateral: 150 N (at 150 km/h) Rearside: 80 N (at 150 km/h)
Max. wind velocity	180 km/h
Packing size	914 x 482 x 482 mm
Width/height/depth	860 / 400 / 400 mm



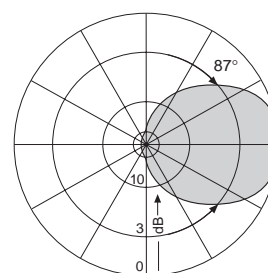
Scope of supply: Antenna with weather protective casing for straight connectors.

Material: Radiator: Weather-resistant aluminum.
Radome: Fiberglass, colour: White.
Mounting kit: Hot-dip galvanized steel.
All screws and nuts: Stainless steel.

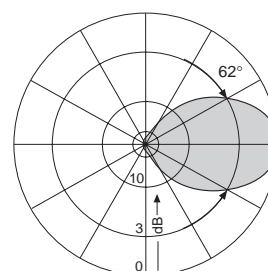
Attachment: To tubular masts of 60 – 115 mm diameter using supplied clamps.

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.

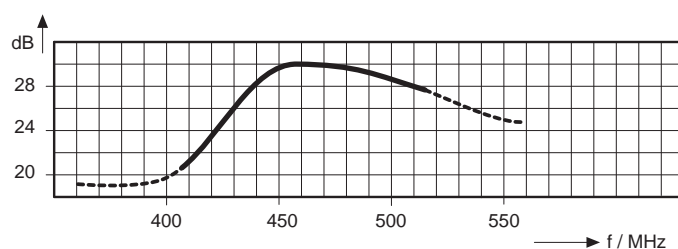


Horizontal Pattern



Vertical Pattern

Typical side-lobe suppression

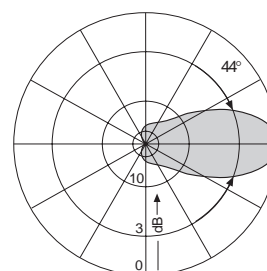


Corner 390/420/450 44° 11dBi

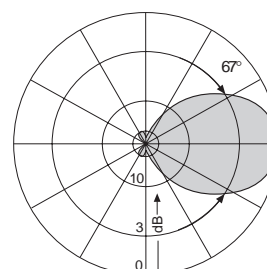
Type No.	K 73 12 21
Input	N female
Frequency range	360 – 490 MHz
VSWR	< 1.5 (360 – 490 MHz) < 1.3 (400 – 470 MHz)
Gain	11 dBi
Impedance	50 Ω
Polarization	Vertical
Half-power beam width	H-plane: 44° / E-plane: 67°
Max. power	180 Watt (at 50 °C ambient temperature)
Weight	2.8 kg
Wind load	140 N (at 150 km/h)
Max. wind velocity	150 km/h
Packing size	842 x 524 x 187 mm
Height/width/depth	500 / 1155 / 577 mm



Scope of supply:	Antenna with weather protective casing for straight connectors, mounting kit included.
Material:	Radiator and reflector: Weather-resistant aluminum. Mounting U-bolts: Stainless steel. All screws and nuts: Stainless steel.
Attachment:	To tubular masts of 30 – 54 mm diameter using supplied U-bolts.
Special features:	The antenna is partly dismantled for easy dispatch.
Grounding:	All metal parts of the antenna including the mounting kit and the inner conductor are DC grounded.



Horizontal Pattern



Vertical Pattern

• Circular polarization

Helix 420/450 33° 12dBi

Type No.	K 73 51 21
Input	N female
Frequency range	400 – 470 MHz
Polarization	right handed circular (RHCP)
VSWR	< 1.2
Gain	12 dB (ref. to the circularly polarized isotropic antenna)
Impedance	50 Ω
Max. power	560 Watt (at 50 °C ambient temperature)
Weight	12 kg
Wind load	450 N (at 150 km/h)
Max. wind velocity	200 km/h
Packing size	1684 x 388 x 277 mm
Reflector diameter	718 mm
Length / tube diameter	1540 / 204 mm

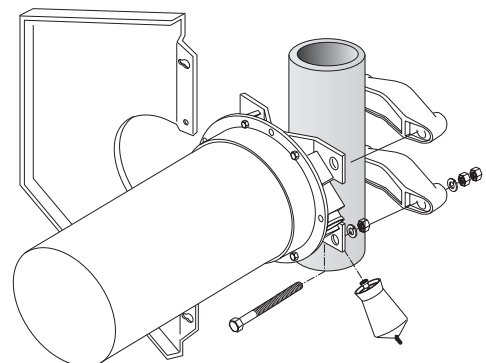
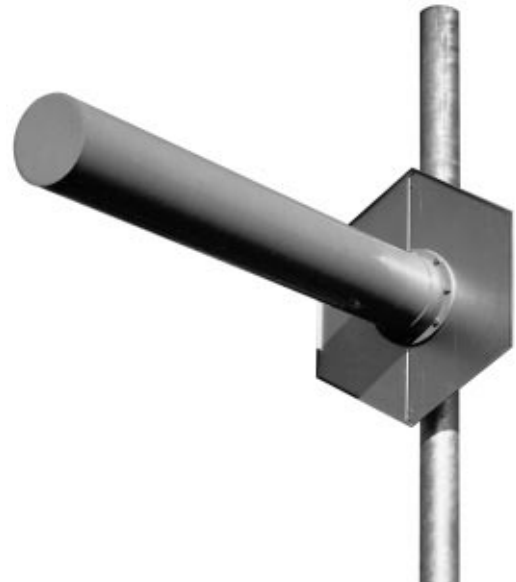
Scope of supply: Antenna with weather protective casing for straight connectors, mounting kit included.

Material: Antenna: Copper band helix in protective fiber-glass tube, colour: Grey.
Reflector screen: Weather-resistant aluminum.
Attachment construction: Hot dip galvanized steel.
All screws and nuts: Stainless steel.

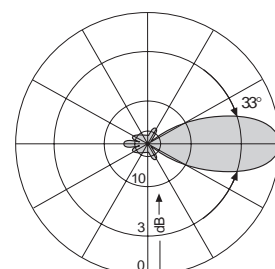
Attachment: To tubular masts of 60 – 125 mm diameter using supplied U-bolts.

Grounding: All metal parts of the antenna including the mounting kit and the inner conductor are DC grounded.

Please note: The reflector screen is made of two parts and can be removed for transport.



Mounting Instructions



Relative field strength in mid-band