

# Label Italy

## BROADCAST ANTENNAS, FM, VHF, TV, DAB, STL, UHF, SHF

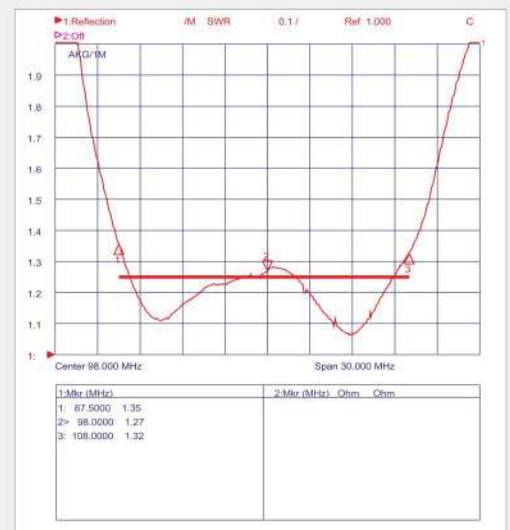
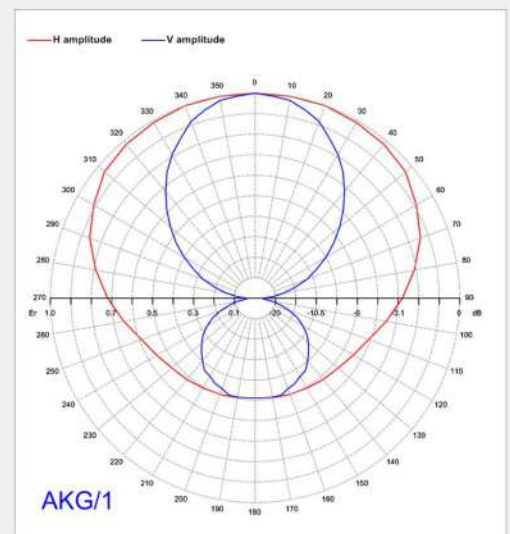
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# AKG/1

## FM DIPOLE ANTENNA

### FEATURES

- DIPOLE ANTENNA FOR FM BAND
- VERTICAL POLARIZATION
- CONNECTOR IN **N - 7/16 - 7/8**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

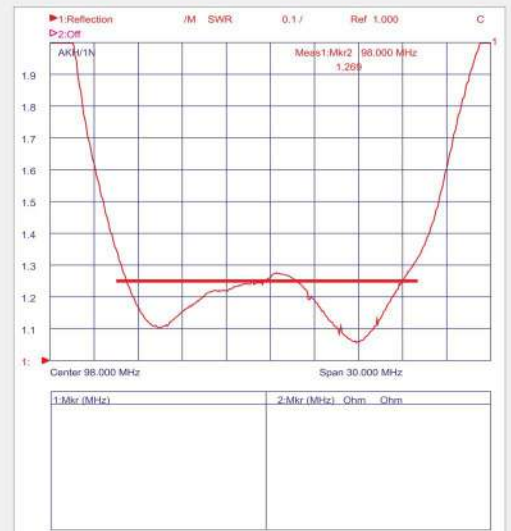
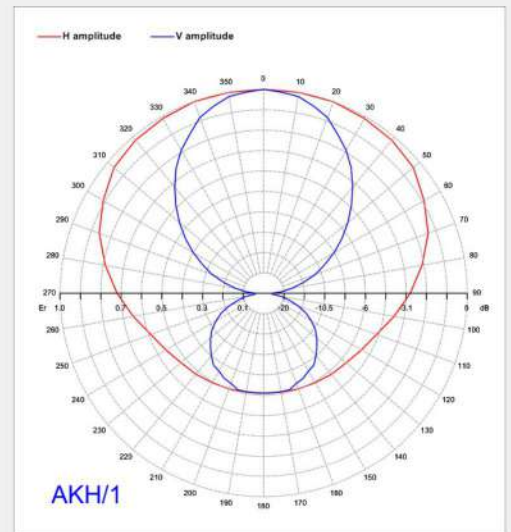
Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power Connector <b>N</b> version	800W
Power Connector <b>7/16</b> version	2KW
Power Connector <b>7/8</b> version	3KW
Wind load at 160Km/h	10kg
Absolute max Wind velocity	220Km/h
External Dimensions	140x88x6cm
Weight	7Kg

# AKH/1

## FM DIPOLE ANTENNA

### FEATURES

- DIPOLE ANTENNA FOR FM BAND
- VERTICAL POLARIZATION
- CONNECTOR IN **N - 7/16**
- WIDE BAND
- MADE OF ALUMINUM ( \* )
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power Connector <b>N</b> version	800W
Power Connector <b>7/16</b> version	2KW
Wind load at 160Km/h	10kg
Absolute max Wind velocity	180Km/h
External Dimensions	140x88x6cm
Weight	4Kg

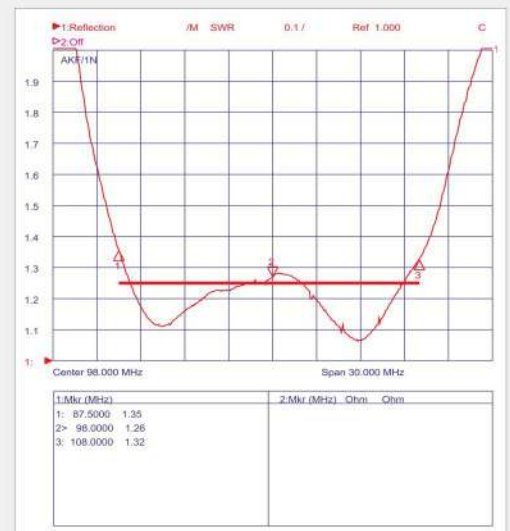
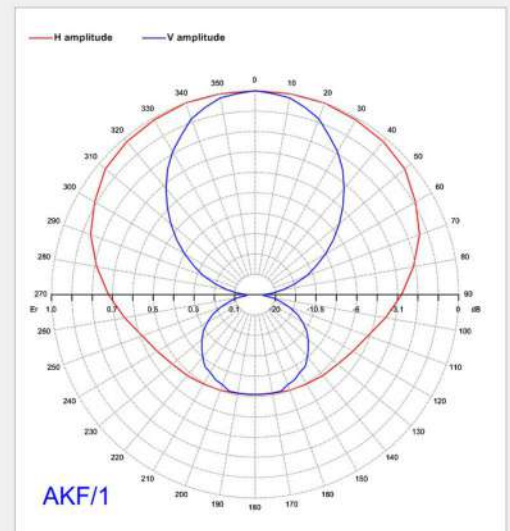
\* To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called **SurTec 650**. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

# AKF/1

## FM DIPOLE ANTENNA

### FEATURES

- DIPOLE ANTENNA FOR FM BAND
- VERTICAL POLARIZATION
- LOW COST VERSION
- CONNECTOR IN **N**
- WIDE BAND
- MADE OF ALUMINUM ( \* )
- PVC INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power Connector <b>N</b> version	500W
Wind load at 160Km/h	10kg
Absolute max Wind velocity	180Km/h
External Dimensions	140x88x6cm
Weight	4Kg

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# AKS/1

## FM DIPOLE ANTENNA

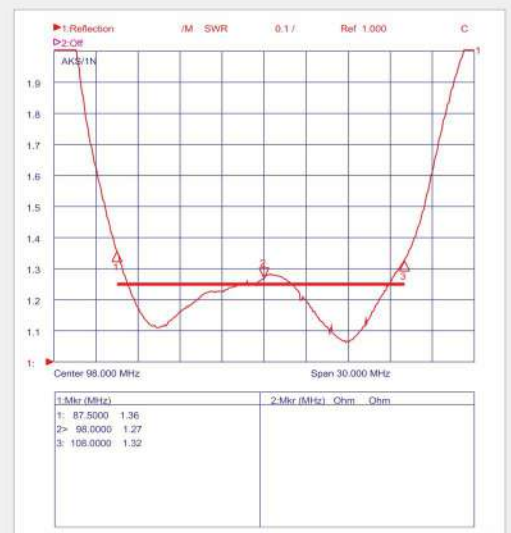
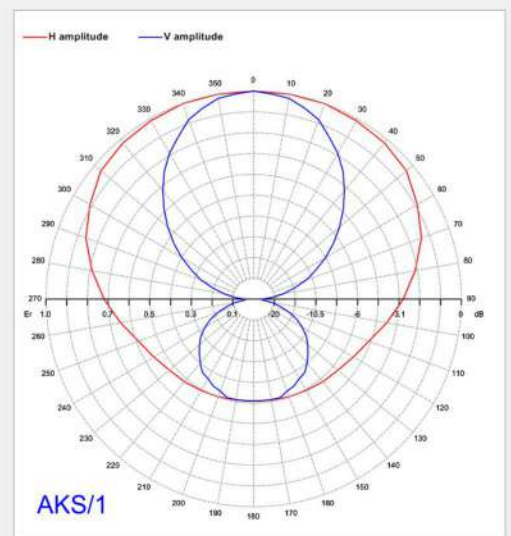
### FEATURES

- FM WIDE BAND DIPOLE
- DEMOUNTABLE VERSION
- VERTICAL POLARIZATION
- CONNECTOR IN **N - 7/16**
- MADE OF ALUMINUM (\*)
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108MHz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power Connector <b>N</b> version	500W
Power Connector <b>7/16</b> version	2KW
Wind load at 160Km/h	10kg
Absolute max Wind velocity	180Km/h
External Dimensions	140x88x6cm
Packaging Dimensions	90x37x8cm
Weight	4Kg



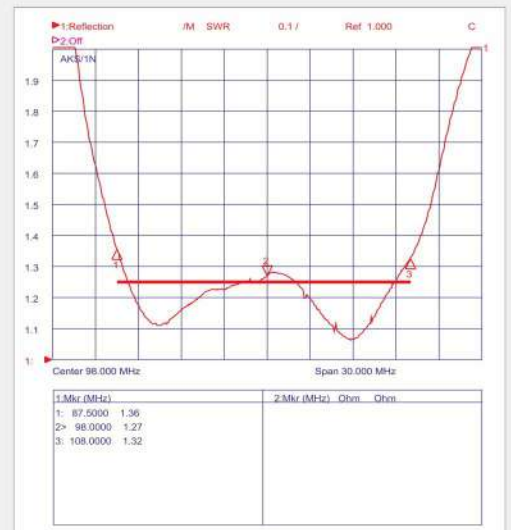
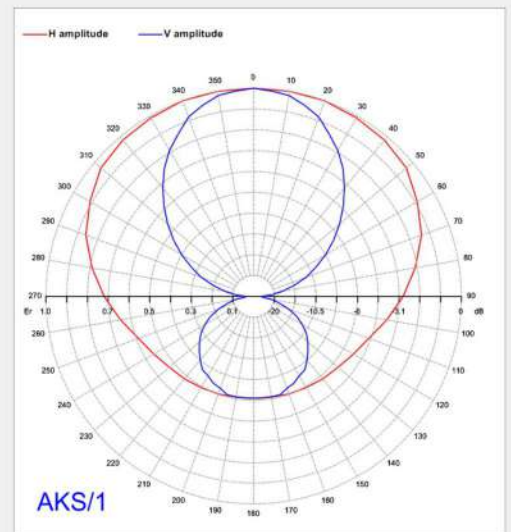
\* To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called **SurTec 650**. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

# AKSE/1

## FM DIPOLE ANTENNA

### FEATURES

- WIDE BAND FM DIPOLE ANTENNA
- LOW COST DEMOUNTABLE VERSION
- VERTICAL POLARIZATION
- CONNECTOR IN **N**
- MADE OF ALUMINUM (\*)
- PVC INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power Connector <b>N</b> version	500W
Wind load at 160Km/h	10kg
Absolute max Wind velocity	180Km/h
External Dimensions	140x88x6cm
Packaging Dimensions	90x37x8cm
Weight	4Kg

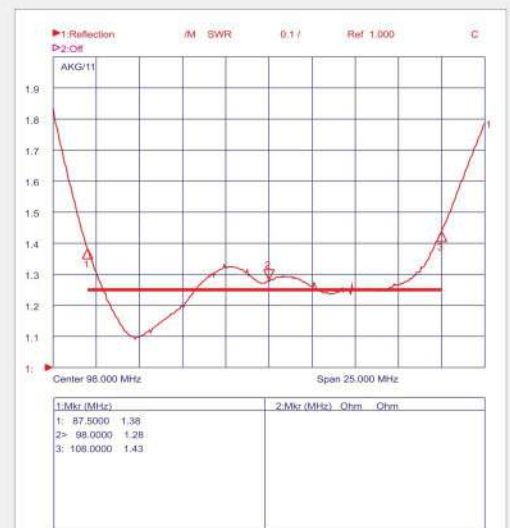
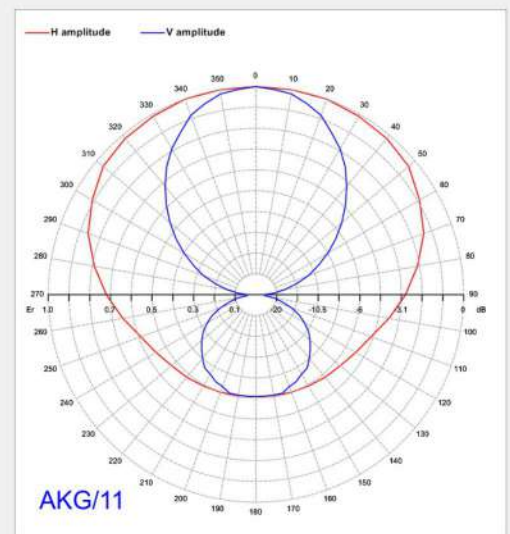
\* To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called **SurTec 650**. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

# AKG/11

## FM DIPOLE ANTENNA

### FEATURES

- DIPOLE ANTENNA FOR FM BAND
- HIGH POWER VERSION
- VERTICAL POLARIZATION
- CONNECTOR IN **7/8**
- WIDE BAND
- MADE OF GALVANIZED STEEL
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

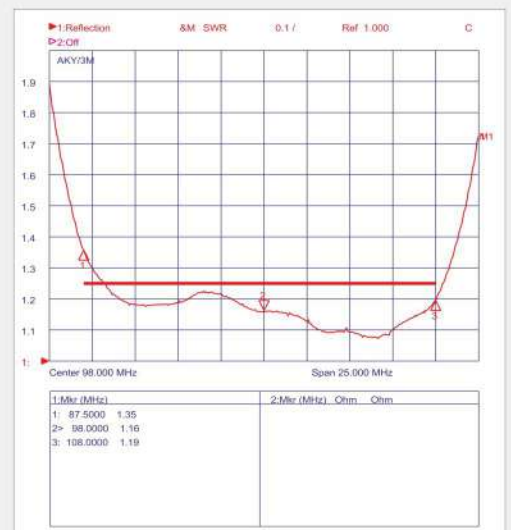
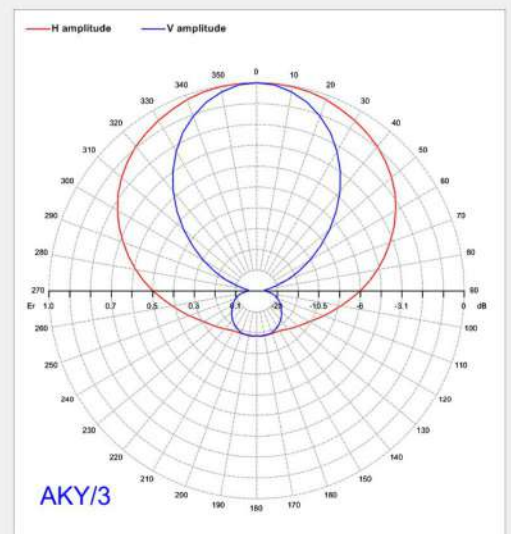
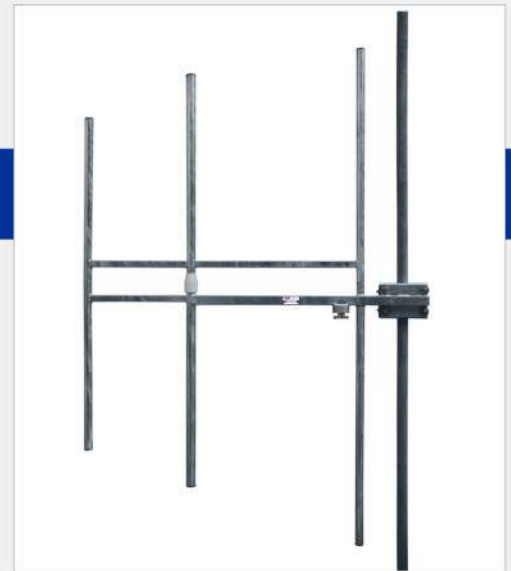
Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power Connector <b>7/8</b> version	5KW
Wind load at 160Km/h	22kg
Absolute max Wind velocity	220Km/h
External Dimensions	134x91x10cm
Weight	15Kg

# AKY/3

## FM YAGI ANTENNA

### FEATURES

- YAGI 3 ELEMENTS FOR FM BAND
- VERTICAL POLARIZATION
- CONNECTOR IN **N - 7/16 - 7/8**
- WIDE BAND
- MADE OF STAINLES STEEL
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	5dBd
Power Connector <b>N</b> version	800W
Power Connector <b>7/16</b> version	2KW
Power Connector <b>7/8</b> version	3KW
Wind load at 160Km/h	18kg
Absolute max Wind velocity	220Km/h
External Dimensions	180x125x6cm
Weight	12.5Kg

# AKL/5

## FM LOG ANTENNA 5 ELEMENTS

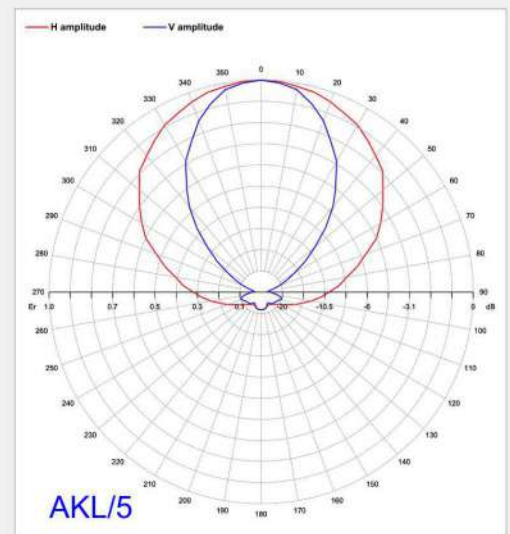
### FEATURES

- WIDE BAND LOG FM ANTENNA
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **N - 7/16**
- WIDE BAND
- MADE OF ALUMINUM (\*)
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108MHz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	6.2dBd
Power Connector <b>N</b> version	800W
Power Connector <b>7/16</b> version	2KW
Wind load at 160Km/h	31kg
Absolute max Wind velocity	160Km/h
External Dimensions	150x172x8cm
Packaging Dimensions (antenna e clamp)	156x15x15cm
Weight	5.9Kg



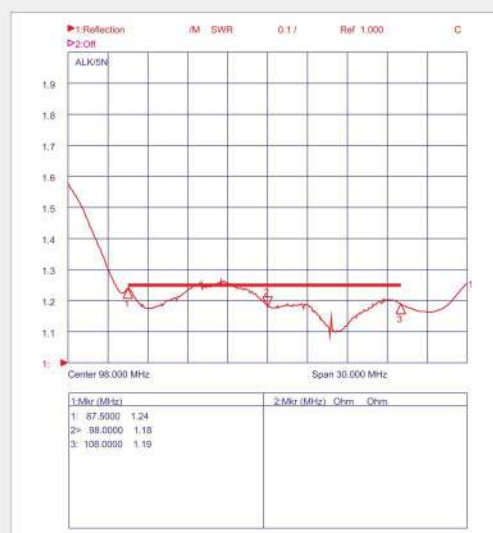
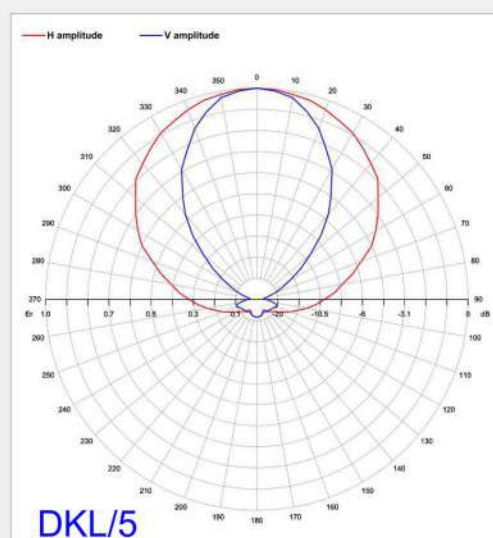
\* To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called **SurTec 650**. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

# DKL/5

## FM LOG ANTENNA 5 ELEMENTS

### FEATURES

- LOGARITHMIC ANTENNA FM
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN N - 7/16
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

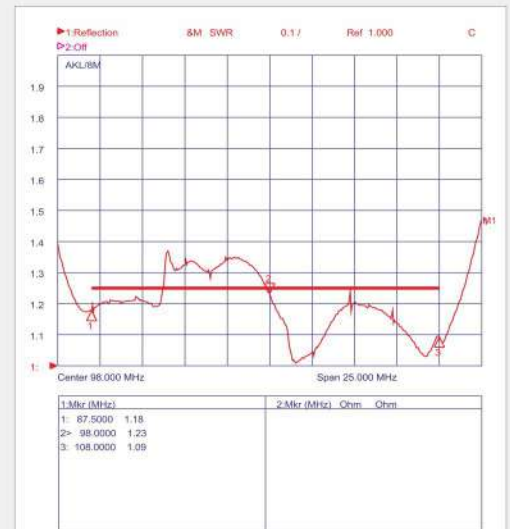
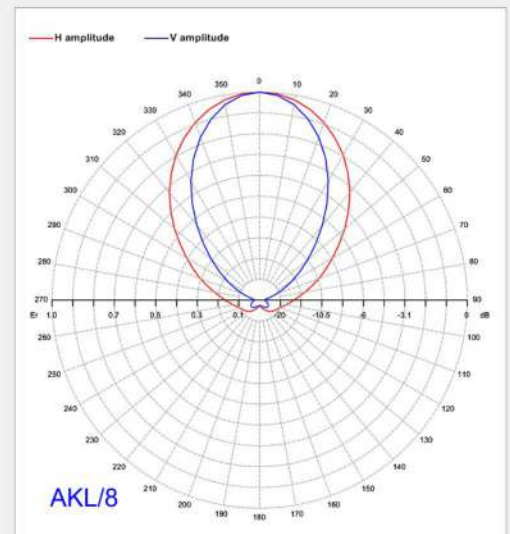
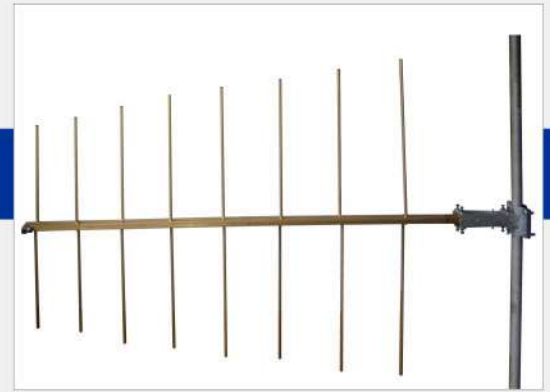
Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	18dB
Gain	6.2dBd
Power Connector <b>N</b> version	800W
Power Connector <b>7/16</b> version	2KW
Wind load at 160Km/h	31kg
Absolute max Wind velocity	180Km/h
External Dimensions	150x172x8cm
Weight	10Kg
Welded elements, not removable	

# AKL/8

## FM LOG ANTENNA 8 ELEMENTS

### FEATURES

- WIDE BAND LOG ANTENNA FM
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **7/16**
- MADE OF ALUMINUM ( ALODYNE )
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	7.8dBd
Power Connector <b>7/16</b> version	2KW
Wind load at 160Km/h	67kg
Absolute max Wind velocity	160Km/h
External Dimensions	260x168x8cm
Packaging Dimensions (only antenna)	154x15x15cm
Net Weight	14.5Kg

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# AKK/2

## FM PANEL ANTENNA

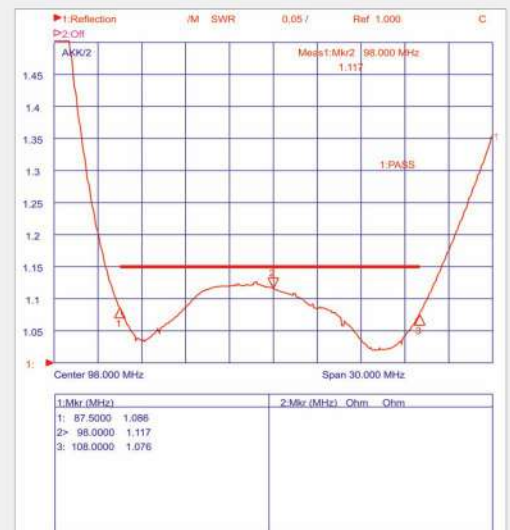
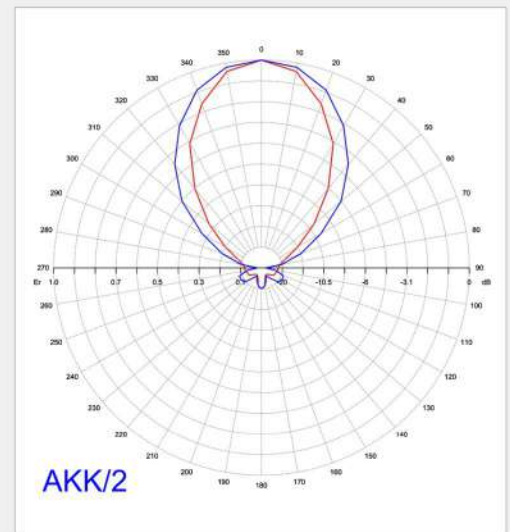
### FEATURES

- DOUBLE DIPOLE PANEL, FM BAND
- VERTICAL/HORIZONTAL POL.
- CONNECTOR IN **7/16 - 7/8**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS



### TECHNICAL DATA

Frequency Range	87.5 - 108MHz
Impedance	50ohm
Return Loss	≥ 24dB
Gain	7.5dBd
Power Connector <b>7/16</b> version	2KW
Power Connector <b>7/8</b> version	5KW
Wind load at 160Km/h	140kg
Absolute max Wind velocity	220Km/h
External Dimensions	248x174x78cm
Weight	45Kg



# AKG/7

## FM DIPOLE CIRC. POL. ANT.

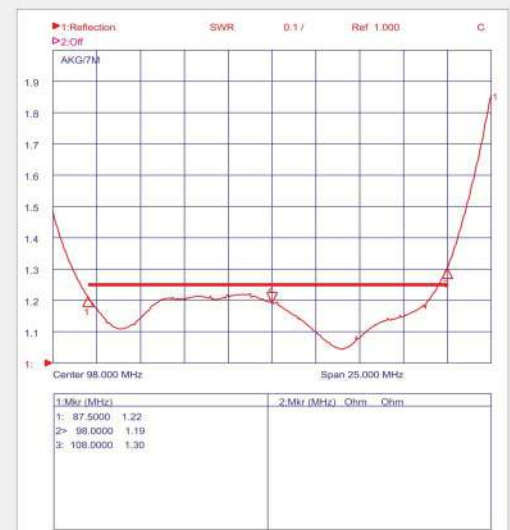
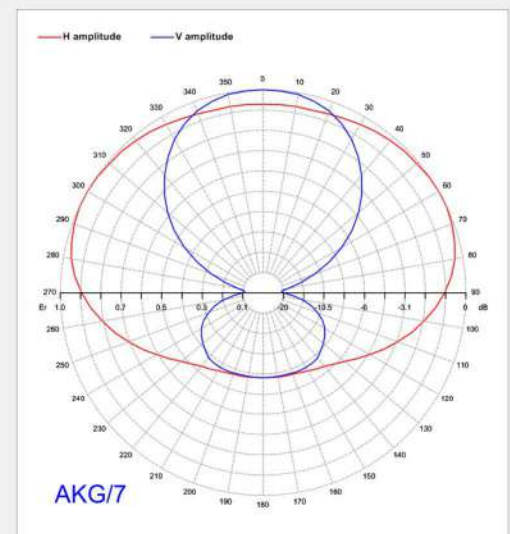
### FEATURES

- DIPOLE ANTENNA FOR FM BAND
- CIRCULAR POLARIZATION
- CONNECTOR IN **N - 7/16 - 7/8**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 20dB
Gain	-1.5dBd
Power Connector <b>N</b> version	800W
Power Connector <b>7/16</b> version	2KW
Power Connector <b>7/8</b> version	3KW
Wind load at 160Km/h	22kg
Absolute max Wind velocity	220Km/h
External Dimensions	152x92x92cm
Weight	10.5Kg

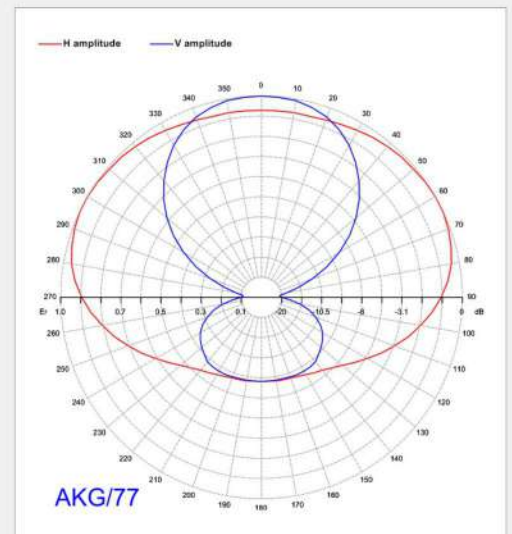


# AKG/77

## FM DIPOLE CIRC. POL. ANT.

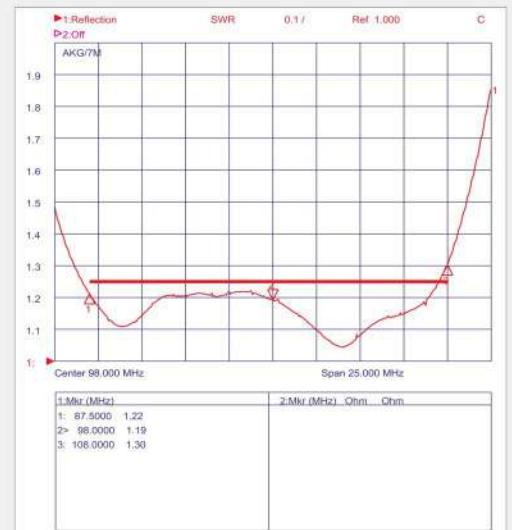
### FEATURES

- DIPOLE ANTENNA FOR FM BAND
- CIRCULAR POLARIZATION
- CONNECTOR IN **7/8**
- WIDE BAND
- MADE OF ALUMINUM (\*)
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	87.5 - 108MHz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	-1.5dBd
Power Connector <b>7/8</b> version	5KW
Wind load at 160Km/h	28kg
Absolute max Wind velocity	220Km/h
External Dimensions	152x95x95cm
Weight	11Kg



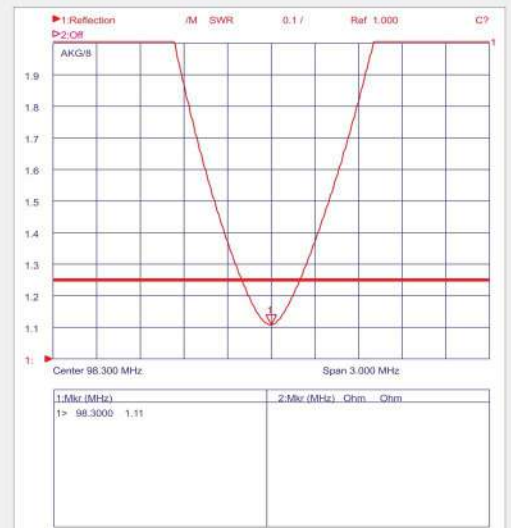
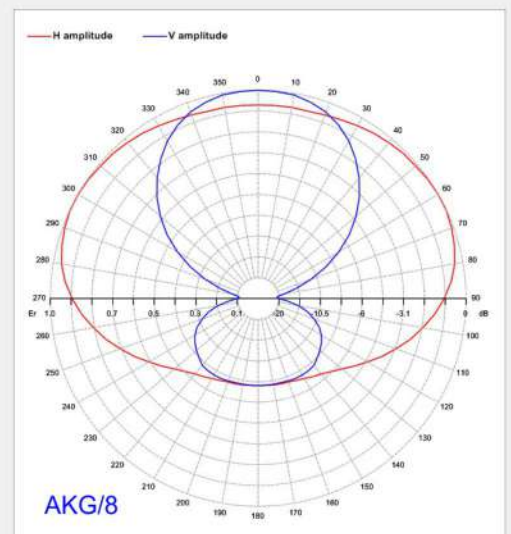
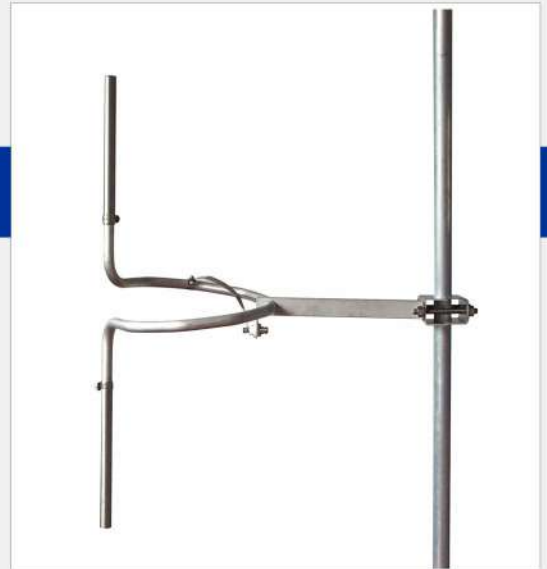
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# AKG/8

## FM DIPOLE CIRC. POL. ANT.

### FEATURES

- DIPOLE ANTENNA FOR FM BAND
- CIRCULAR POLARIZATION
- CONNECTOR IN **N**
- NARROW BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

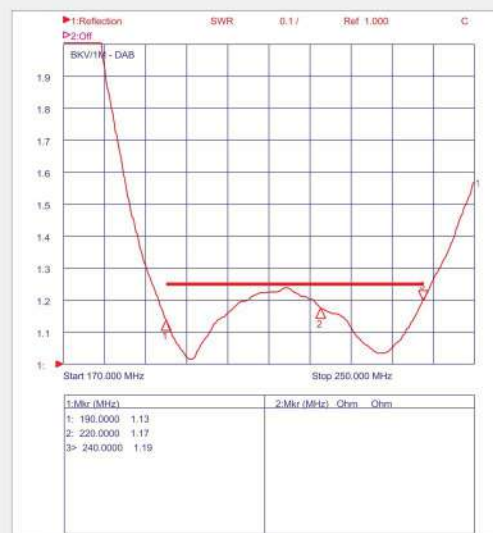
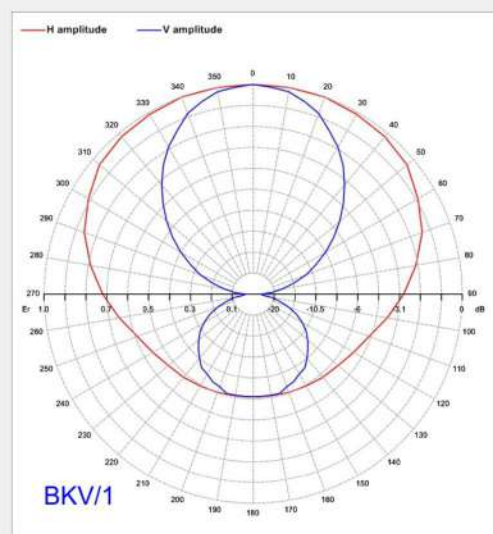
Frequency Range	87.5 - 108Mhz
Impedance	50ohm
Return Loss	≥ 24dB
Gain	-1.5dBd
Power	800W
Wind load at 160Km/h	5kg
Absolute max Wind velocity	220Km/h
External Dimensions	58x35x85cm
Weight	4Kg

# BKV/1

## TV VHF - DAB DIPOLE ANTENNA

### FEATURES

- WIDE BAND DIPOLE ANTENNA
- VERTICAL POLARIZATION
- CONNECTOR IN **N - 7/16**
- MADE OF ALUMINUM (\*)
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range ( BKV/1 )	174 - 225Mhz
Frequency Range ( BKV/1-2 )	200 - 240Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power, connector <b>N</b> version	500W
Power, connector <b>7/16</b> version	1.5KW
Wind load at 160Km/h	7kg
Absolute max Wind velocity	180Km/h
External Dimensions	90x63x6cm
Weight	3.5Kg

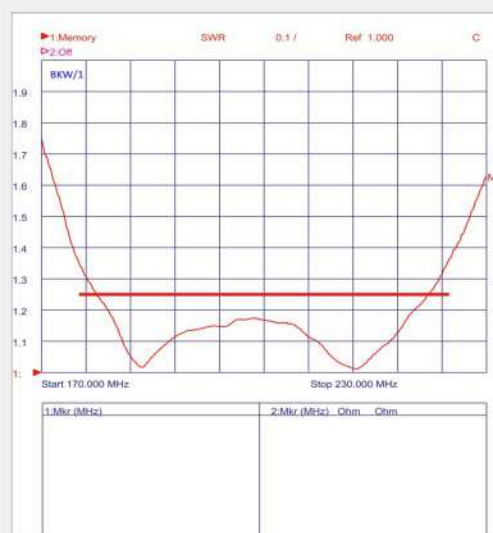
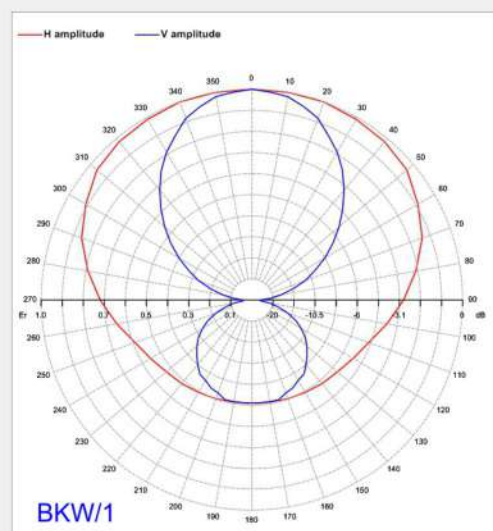
\* To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called **SurTec 650**. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

# BKW/1

## TV VHF - DAB DIPOLE ANTENNA

### FEATURES

- WIDE BAND DIPOLE ANTENNA
- VERTICAL POLARIZATION
- CONNECTOR IN **N - 7/16**
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

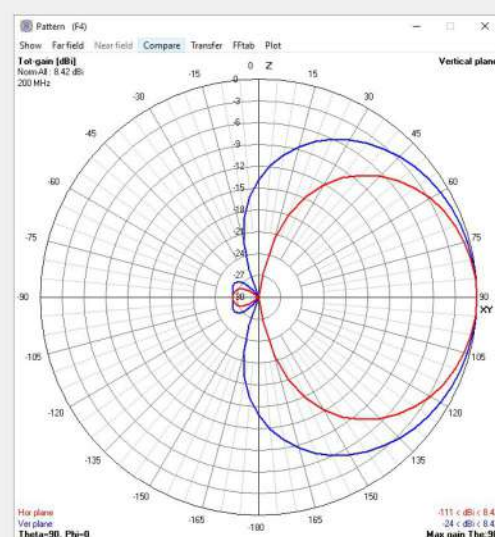
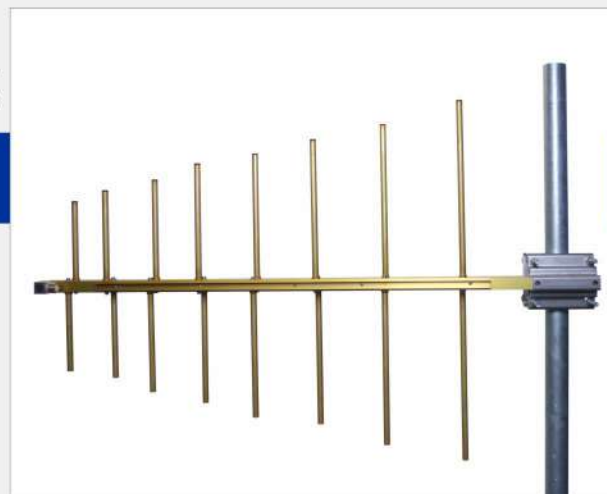
Frequency Range ( BKW/1 )	174 - 225Mhz
Frequency Range ( BKW/1-2 )	200 - 240Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	2dBd
Power, connector <b>N</b> version	500W
Power, connector <b>7/16</b> version	1.5KW
Wind load at 160Km/h	11kg
Absolute max Wind velocity	180Km/h
External Dimensions	90x63x6cm
Weight	5.8Kg

# BKL/8

## TV VHF-DAB LOG 8 ELEMENTS

### FEATURES

- LOGARITHMIC ANTENNA TV VHF - DAB
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **7/16**
- WIDE BAND
- MADE OF ALUMINUM (\*)
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	170 - 240Mhz
Impedance	50ohm
Return Loss	≥ 20dB
Gain	6.5dBd
Power	1.5KW
Wind load at 160Km/h	14kg
Absolute max Wind velocity	160Km/h
External Dimensions	142x92x8cm
Packaging Dimensions	154x15x15cm
Net Weight	6.8Kg

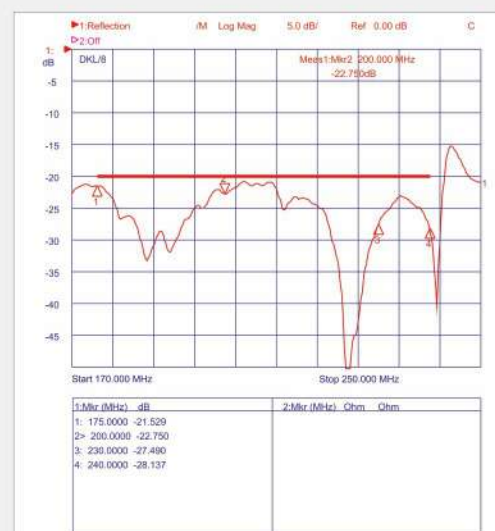
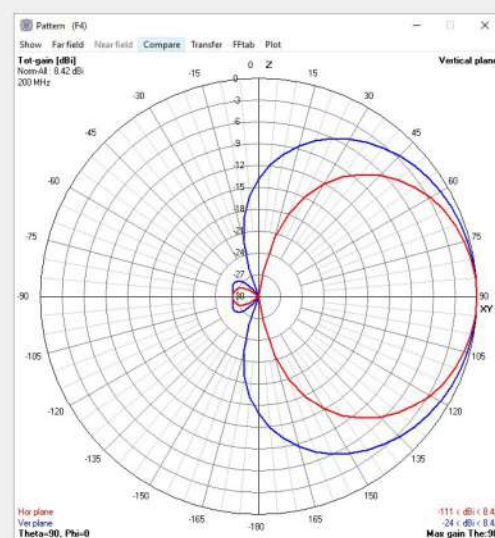
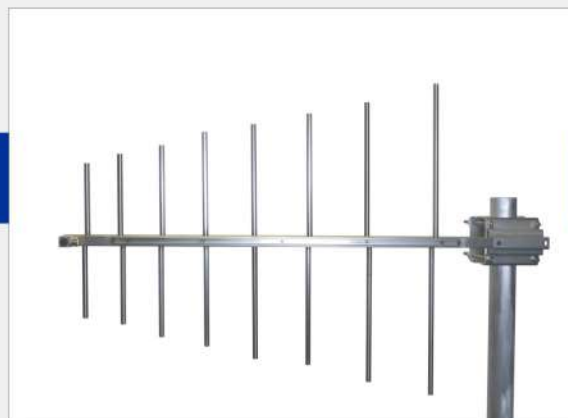
\* To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called **SurTec 650**. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

# DKL/8

## TV VHF-DAB LOG 8 ELEMENTS

### FEATURES

- LOGARITHMIC ANTENNA TV VHF - DAB
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **7/16**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	170 - 240Mhz
Impedance	50ohm
Return Loss	≥ 20dB
Gain	6.5dBd
Power	1.5KW
Wind load at 160Km/h	14kg
Absolute max Wind velocity	180Km/h
External Dimensions	142x92x8cm
Net Weight	11.5Kg

# BKK/2

## TV VHF - DAB PANEL ANTENNA

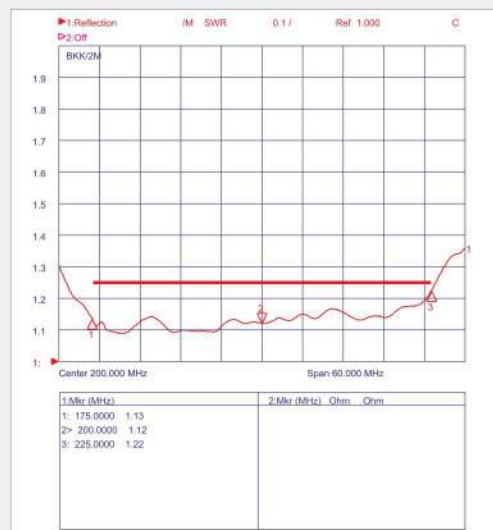
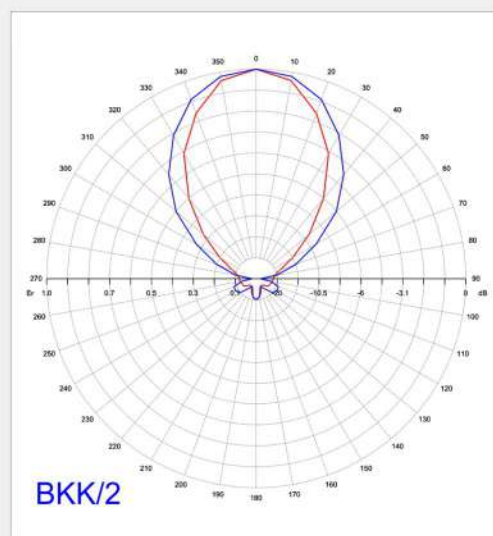
### FEATURES

- PANEL ANTENNA TV VHF - DAB
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **7/16 - 7/8**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP



### TECHNICAL DATA

Frequency Range ( BKK/2 )	174 - 225Mhz
Frequency Range ( BKK/2-2 )	200 - 240Mhz
Impedance	50ohm
Return Loss	≥ 18dB
Gain	7.5dBd
Power, connector <b>7/16</b> version	1.5KW
Power, connector <b>7/8</b> version	3KW
Wind load at 160Km/h	35kg
Absolute max Wind velocity	220Km/h
External Dimensions	124x87x40cm
Weight	21Kg

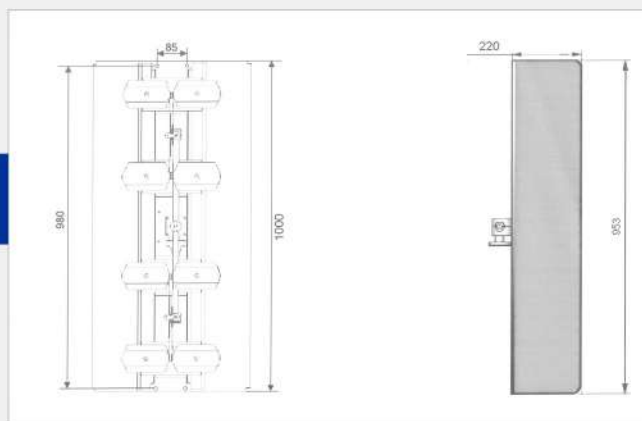


# UKK/8

## TV UHF PANEL ANTENNA

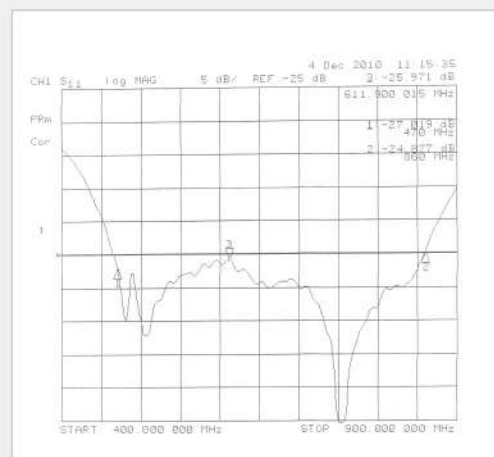
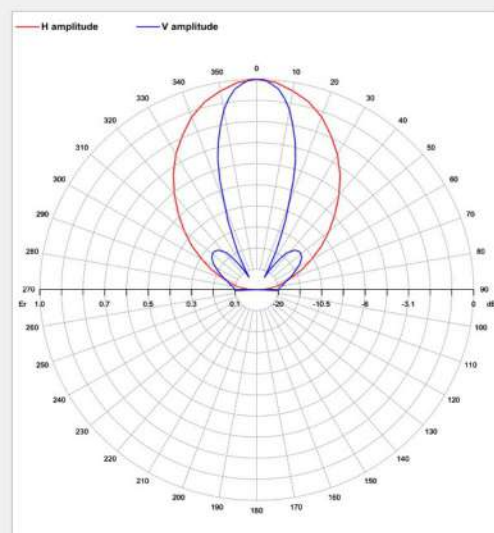
### FEATURES

- PANEL ANTENNA TV UHF
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **7/16 - 7/8**
- WIDE BAND
- MADE OF STAINLESS STEEL
- FIBERGLASS RADOME
- PTFE INSULATORS
- STAINLESS STEEL SCREWS AND CLAMP
- POLE CLAMPS ON REQUEST



### TECHNICAL DATA

Frequency Range	470 - 860Mhz
Impedance	50ohm
Return Loss	≥ 25dB
Gain	11.5dBd
Power, connector <b>7/16</b> version	1.5KW
Power, connector <b>7/8</b> version	2.5KW
Wind load at 160Km/h	26kg
Absolute max Wind velocity	210Km/h
External Dimensions	110x45x20cm
Weight	18Kg

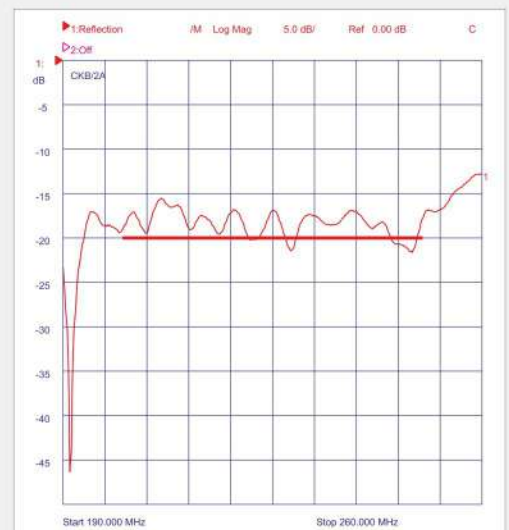
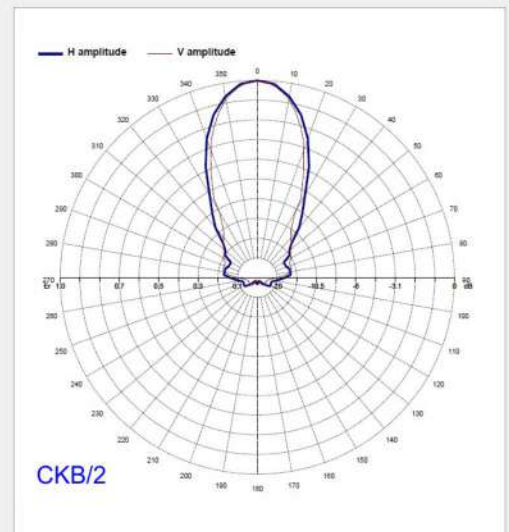


# CKB/2A

## VHF CORNER REFLECTOR

### FEATURES

- CORNER REFLECTOR ANTENNA FOR STL LINK VHF
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **N**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

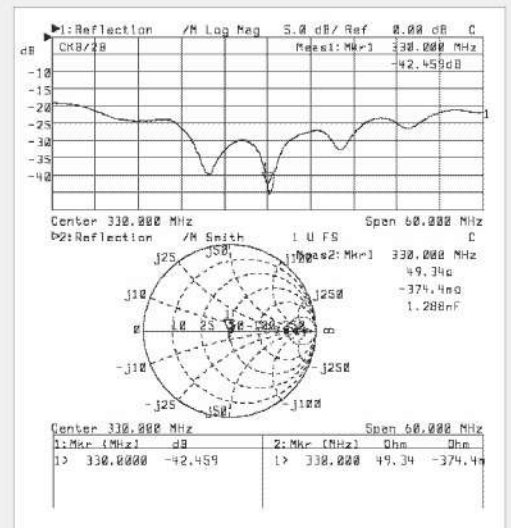
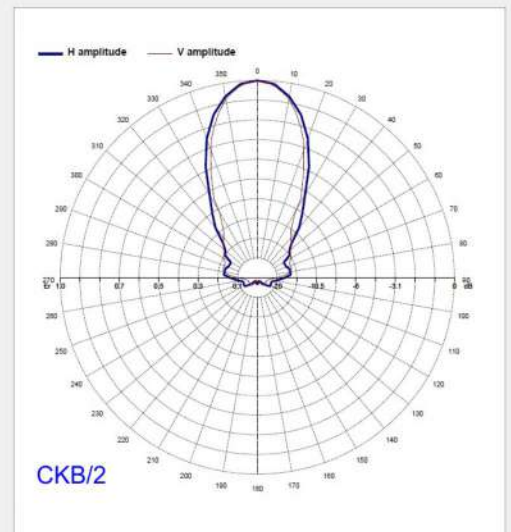
Frequency Range	200 - 250Mhz
Impedance	50ohm
Return Loss	≥ 16dB
Gain	9dBd
Power	500W
Wind load at 160Km/h	12.5kg
Absolute max Wind velocity	220Km/h
External Dimensions	215x130x100cm
Weight	8.5Kg

# CKB/2B

## VHF CORNER REFLECTOR

### FEATURES

- CORNER REFLECTOR ANTENNA FOR STL LINK VHF
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **N**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

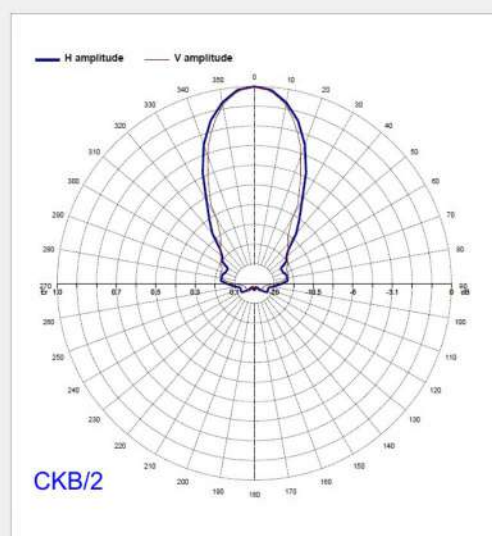
Frequency Range	300 - 360Mhz
Impedance	50ohm
Return Loss	≥ 16dB
Gain	9dBd
Power	500W
Wind load at 160Km/h	10kg
Absolute max Wind velocity	220Km/h
External Dimensions	145x95x70cm
Weight	6.5Kg

# CKB/2C

## UHF CORNER REFLECTOR

### FEATURES

- CORNER REFLECTOR ANTENNA FOR STL LINK UHF
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **N**
- WIDE BAND
- MADE OF STAINLESS STEEL
- PTFE INSULATORS
- DC ELECTRICALLY GROUNDED



### TECHNICAL DATA

Frequency Range	380 - 530Mhz
Impedance	50ohm
Return Loss	≥ 16dB
Gain	9dBd
Power	500W
Wind load at 160Km/h	8.5kg
Absolute max Wind velocity	220Km/h
External Dimensions	114x75x50cm
Weight	5Kg

# MC-62-2.4

## SHF PARABOLIC ANTENNA

### FEATURES

- DISH ANTENNA FOR STL SHF
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **N**
- WIDE BAND
- MADE OF UV RESISTANT ABS
- CLAMP AND SCREW STAINLESS STEEL



### TECHNICAL DATA

Frequency Range	2.3 - 2.5Ghz
Impedance	50ohm
Return Loss	≥ 11dB
Gain	21dBi
Power	50W
F/B Ratio	≥ 30dB
Wind load at 160Km/h	17kg
Diameter	64cm
Weight	4.4Kg
Mast Clamp diameter	25-65mm
Temperature range	-40 - +80°C



**MC-RM**

Special Bracket for pole 50-115mm

# MC-86-2.4

## SHF PARABOLIC ANTENNA

### FEATURES

- DISH ANTENNA FOR STL SHF
- VERTICAL/HORIZONTAL POLARIZATION
- CONNECTOR IN **N**
- WIDE BAND
- MADE OF UV RESISTANT ABS
- CLAMP AND SCREW STAINLESS STEEL



### TECHNICAL DATA

Frequency Range	2.3 - 2.5Ghz
Impedance	50ohm
Return Loss	≥ 11dB
Gain	24dBi
Power	50W
F/B Ratio	≥ 30dB
Wind load at 160Km/h	34kg
Diameter	88cm
Weight	6.5Kg
Mast Clamp diameter	25-65mm
Temperature range	-40 - +80°C



**MC-RM**

Special Bracket for pole 50-115mm