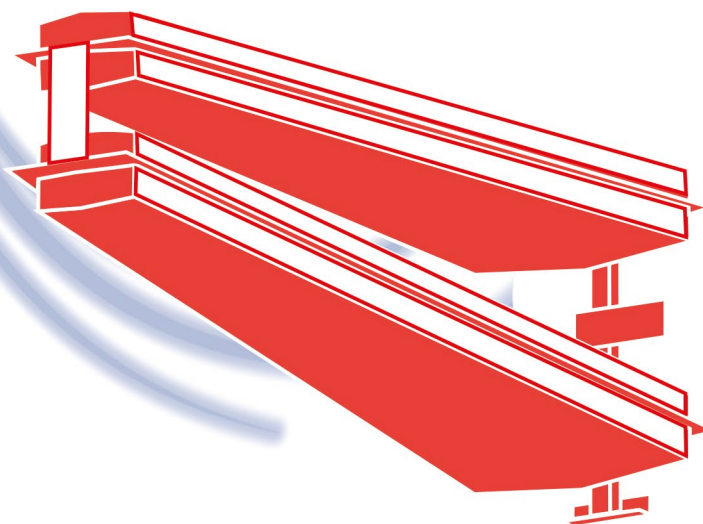


V·UHF BROADCAST & EMERGENCY ANTENNAS



=> Search by Part Number



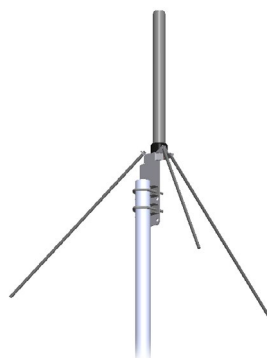


For FM DAB DVB Broadcast Transmissions & Emergency Services

- ⇒ Robust Construction for Harsh Environment
- ⇒ 100% RF Controlled
- ⇒ Low VSWR
- ⇒ High Power
- ⇒ Antennas Groupments

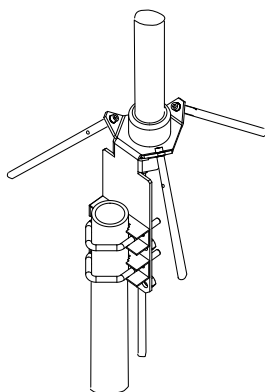
AVGP Lite 68-74 Emergency	3	AVD 170-205 / 200-230 DAB	16
AVGP Lite 74-80 Emergency	4	AVPAN 170-205 / 200-230 DAB	17
AVGP Lite 83-87 Emergency	5	AVPAN BIII 170 - 230 DAB	18
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AVLP 150 - 170 Navy	13	AUPAN 470 - 860 DVB	26
AVGP Lite 162-174 Emergency	14	Power splitter BJ 80 - 110 / 135 - 180	27
AVLP 170 - 230 DAB	15	Power splitter BJ 170 - 230	28

AVGP Lite 68-74 Emergency

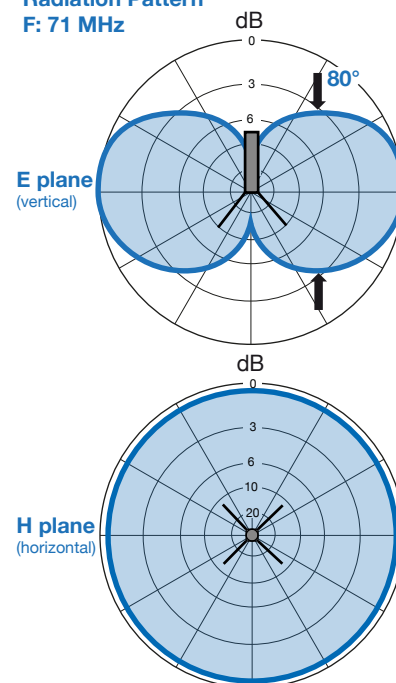


Frequency range	68 to 74 MHz	Height	1.68 m
Impedance	50 Ω	Maximum span	1.76 m
VSWR in the band	< 1.5	Dipole diameter	40 mm
Isotropic gain	2.15 dBi	Material	passivated aluminium
Polarization	Vertical	Weight	2.3 kg
Radiation pattern		Wind loading area	0.07 m ²
- E plane	80°	Wind speed resistance	200 km/h
- H plane	omni at ± 0.5 dB	Wind load at 160 km/h	71 N
Maximum input power	500 W cw	Temperature range	-40° to +70°C
Connector	Nf	Fixation included	$\varnothing$ 25 to 50mm

Safety : all metal parts are at equipotential and connected to ground



Radiation Pattern
F: 71 MHz

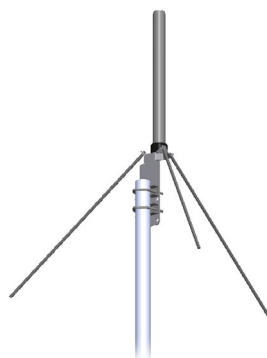


[Return to Search by Part Number](#)

P/N	Model
99-0209	AVGP 68-74

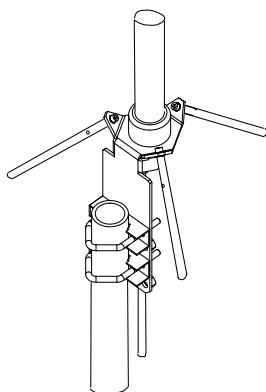
contact us for cable assemblies request

AVGP Lite 74-80 Emergency

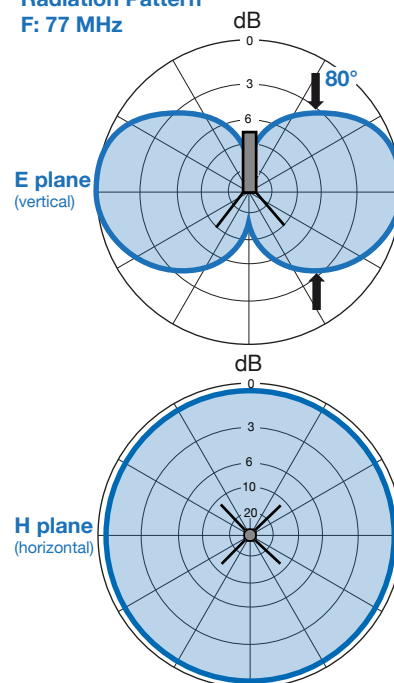


Frequency range	74 to 80 MHz	Height	1.55 m
Impedance	50 Ω	Maximum span	1.63 m
VSWR in the band	< 1.5	Dipole diameter	40 mm
Isotropic gain	2.15 dBi	Material	passivated aluminium
Polarization	Vertical	Weight	2.2 kg
Radiation pattern		Wind loading area	0.065 m ²
- E plane	80°	Wind speed resistance	200 km/h
- H plane	omni at ± 0.5 dB	Wind load at 160 km/h	66 N
Maximum input power	500 W cw	Temperature range	-40° to +70°C
Connector	Nf	Fixation included	$\varnothing$ 25 to 50mm

Safety : all metal parts are at equipotential and connected to ground



Radiation Pattern
F: 77 MHz

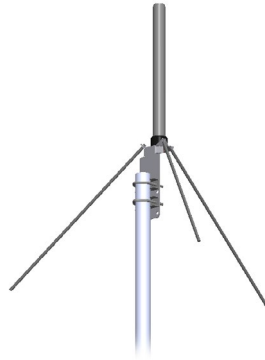


[Return to Search by Part Number](#)

P/N	Model
99-0210	AVGP 74-80

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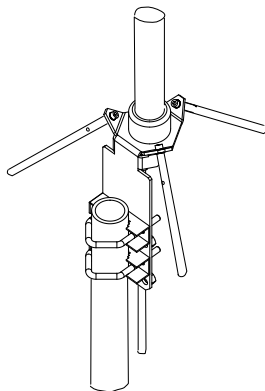
AVGP Lite 83-87 Emergency



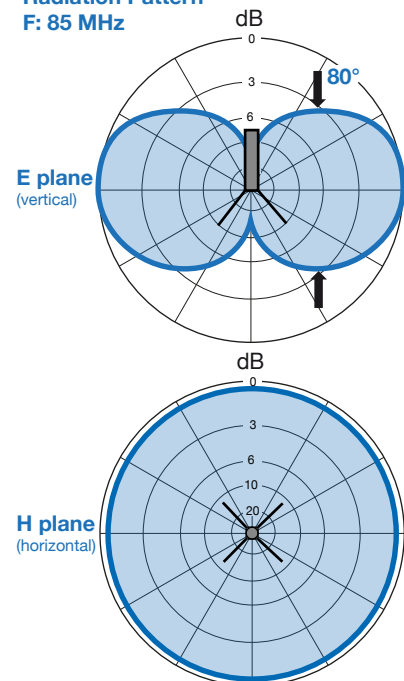
V-UHF Antennas

Frequency range	83 to 87 MHz	Height	1.41 m
Impedance	50 Ω	Maximum span	1.49 m
VSWR in the band	< 1.5	Dipole diameter	40 mm
Isotropic gain	2.15 dBi	Material	passivated aluminium
Polarization	Vertical	Weight	2.1 kg
Radiation pattern		Wind loading area	0.059 m ²
- E plane	80°	Wind speed resistance	200 km/h
- H plane	omni at ± 0.5 dB	Wind load at 160 km/h	60 N
Maximum input power	500 W cw	Temperature range	-40° to +70°C
Connector	Nf	Fixation included	$\varnothing$ 25 to 50mm

Safety : all metal parts are at equipotential and connected to ground



Radiation Pattern
F: 85 MHz



[Return to Search by Part Number](#)

P/N	Model
99-0211	AVGP 83-87

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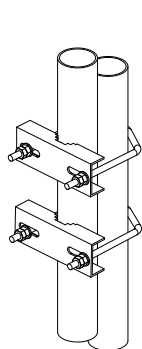
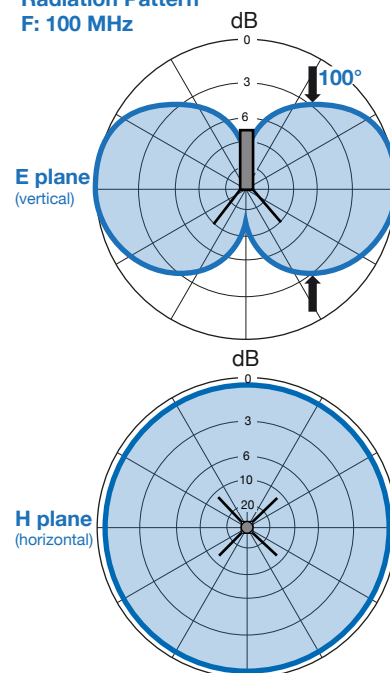
AVGP 87 - 108 FM



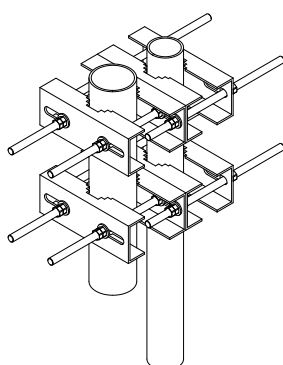
Frequency range	87 to 108 MHz	Height	1.25 m
Impedance	50 Ω	Maximum span	1.20 m
VSWR in the band	< 1.8	Dipole diameter	65 mm
Isotropic gain	2.5 dBi	Materials	AGS - POM C - Stainless
Polarization	Vertical	Weight	3.5 kg
Radiation pattern		Wind loading area	0.08 m ²
- E plan	100°	Windspeed resistance	230 km/h without frost
- H plan	omni at ± 0.5 dB	Wind load at 160 km/h	33 Nm / 25 Nm
Maximum input power	500 W cw	Temperature range	-40° to +70°C
Connector	N f - RG 214/U - L = 0.5 m	Color	White RAL 9010

Safety : all metal parts are at equipotential and connected to ground

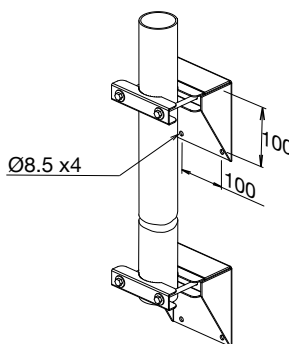
Radiation Pattern
F: 100 MHz



98-0206



98-0207



98-0208

Dimensions in mm

Return to Search by Part Number

P/N	Model	Fixation included
99-0001	AVGP 87-108 FM	98-0206

P/N	Mounting Hardware
98-0206	2 clamps for Ø35 to 70
98-0207	2 clamps for Ø30 to 114
98-0208	2 shelter mount

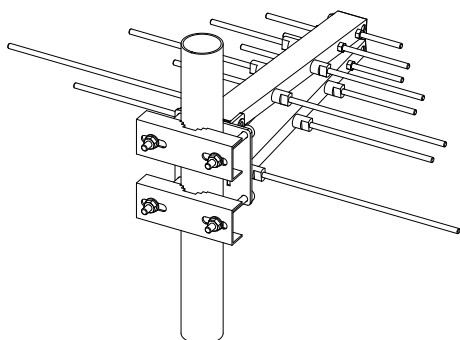
Contact us for cable assemblies request

AVLP-R 85 - 110 FM



Frequency range	85 to 110 MHz	Lenght	1.25 m
Impedance	50 Ω	Spread	1.92 m
VSWR in the band	< 1.4	Materials	AGS – POM C
Isotropic gain	6.5 dBi	Weight	6 kg
Polarization	Vertical / Horizontal	Wind loading area	0.22 m ²
Radiation pattern		Windspeed resistance	200 km/h without frost
- E plan	70°	Wind load at 160 km/h	33 Nm
- H plan	120°	Temperature range	-40° to +70°C
Maximum input power	500 W cw	Color	White RAL 9010
Connector	N f		

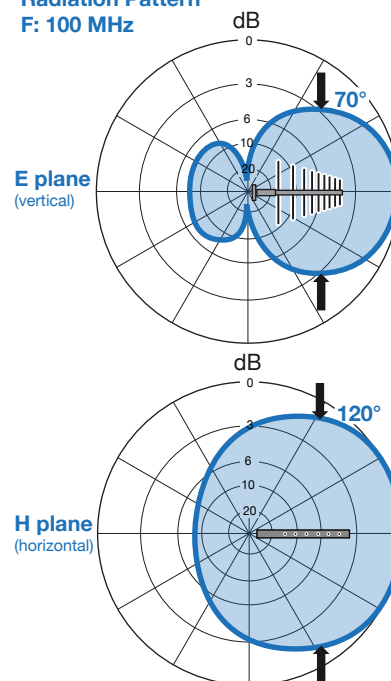
Safety : all metal parts are at equipotential and connected to ground



Can be mounted in horizontal or vertical position

Dimensions in mm

Radiation Pattern
F: 100 MHz



[Return to Search by Part Number](#)

P/N	Model	Fixation included
99-0042	AVLP-R 85-110 FM	100-197

P/N	Mounting hardware
100-197	2 clamps for Ø30 to 90

Contact us for cable assemblies request

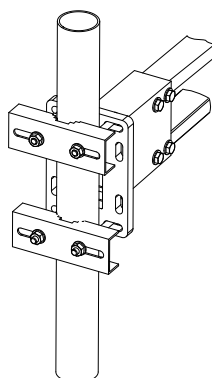


AVLP 85 - 108 FM



Center frequency	85 to 108 MHz	Lenght	2.80 m
Impedance	50 Ω	Spread	1.70 m
VSWR in the band	< 1.25	Materials	AGS - POM C - Stainless
Isotropic gain	> 8 dBi	Weight	8 kg
Polarization	Vertical / Horizontal	Wind loading area	0.32 m ²
Radiation pattern		Windspeed resistance	220 km/h without frost
- E plan	60°	Wind load at 160 km/h	30 Nm
- H plan	95°	Temperature range	-40° to +80°C
Maximum input power	600 W cw	Color	White RAL 9010
Connector	N f – RG 214/U - L = 0.5 m		

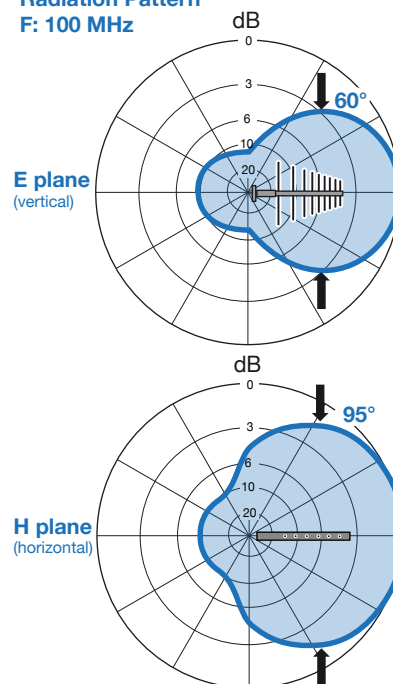
Safety : all metal parts are at equipotential and connected to ground



Can be mounted in horizontal or vertical position

Dimensions in mm

Radiation Pattern
F: 100 MHz



Return to Search by Part Number

P/N	Model	Fixation included
99-0154	AVLP 85-108 FM	100-197

P/N	Mounting hardware
100-197	2 clamps for Ø30 to 90

Contact us for cable assemblies request

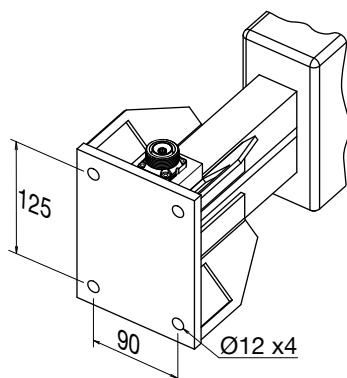
AVD 87 - 108 FM



V-UHF Antennas

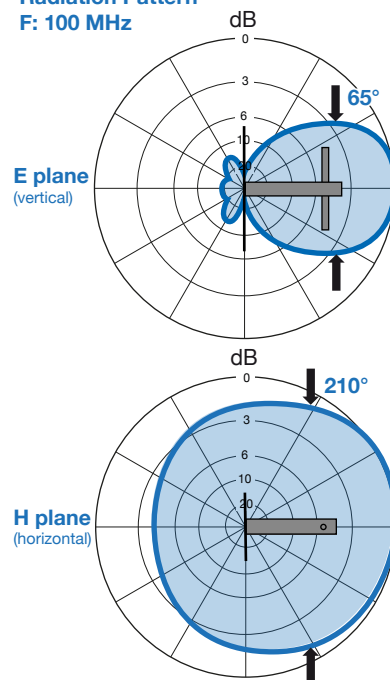
Frequency range	87 to 108 MHz	Height	1.35 m
Impedance	50 Ω	Width	0.85 m
VSWR in the band	< 1.5	Materials	AGS - POM C - Stainless
Isotropic gain	3.5 dBi	Weight	5 kg
Polarization	Vertical	Wind loading area	0.13 m ²
Radiation pattern		Wind speed resistance	220 km/h without frost
- E plane	65°	Wind load at 160 km/h	30 Nm
- H plane	210°	Temperature range	-40° to +80°C
Maximum input power	1 kW / 3 kW cw @ 7/8"	Color	White RAL 9010
Connector	7-16 f / EIA 7/8"		

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern
F: 100 MHz



[Return to Search by Part Number](#)

P/N	Connector
99-0152	7-16 f
99-0152P	EIA 7/8"

Contact us for cable assemblies request

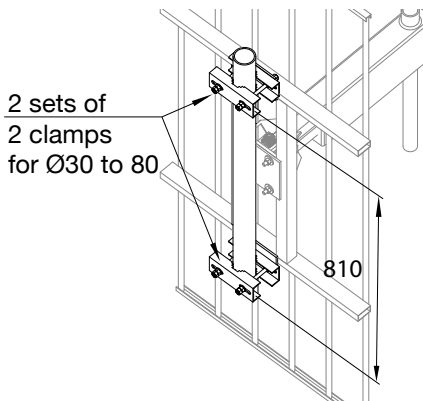
AVPAN 87 - 108 FM



Frequency range	87 to 108 MHz
Impedance	50 Ω
VSWR in the band	< 1.3
Isotropic gain	7 dBi
Polarization	Vertical
Radiation pattern	
- E plane	65°
- H plane	125°
Maximum input power	1 kW / 2 kW @ 7/8"
Connector	7-16 f / EIA 7/8"

Height	2.40 m
Width	0.95 m
Materials	AGS - POM C - Stainless
Weight	13 kg
Wind loading area	0.30 m ²
Wind speed resistance	220 km/h without frost
Wind load at 160 km/h	30 Nm
Temperature range	-40° to +80°C
Color	White RAL 9010
Fixation	Included

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

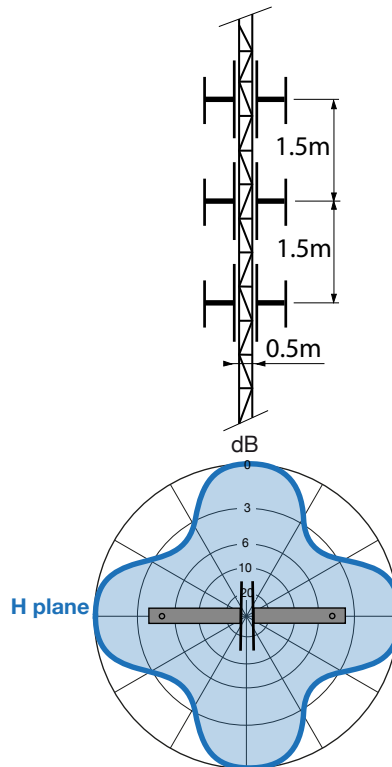
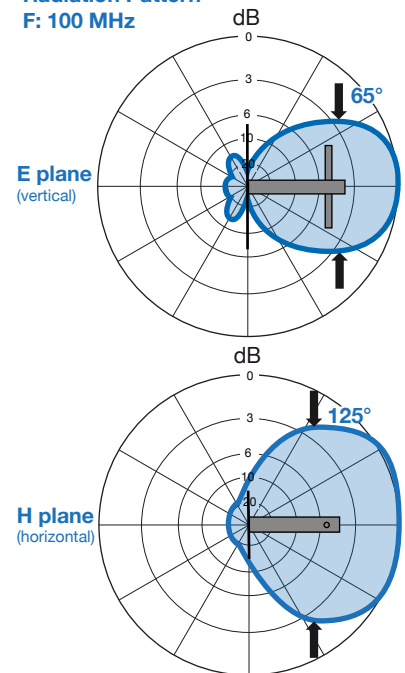
[Return to Search by Part Number](#)

P/N	Connector
99-0153	7-16 f
99-0153P	EIA 7/8"

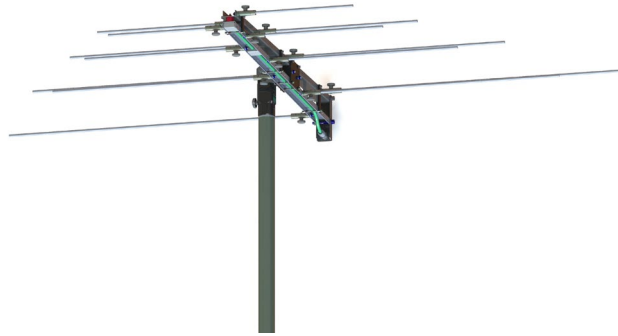
Nb of level	Isotropic gain
1	4.0 dB
2	7.0 dB
3	8.5 dB
4	10.0 dB
5	12.5 dB

Contact us for cable assemblies request

Radiation Pattern
F: 100 MHz

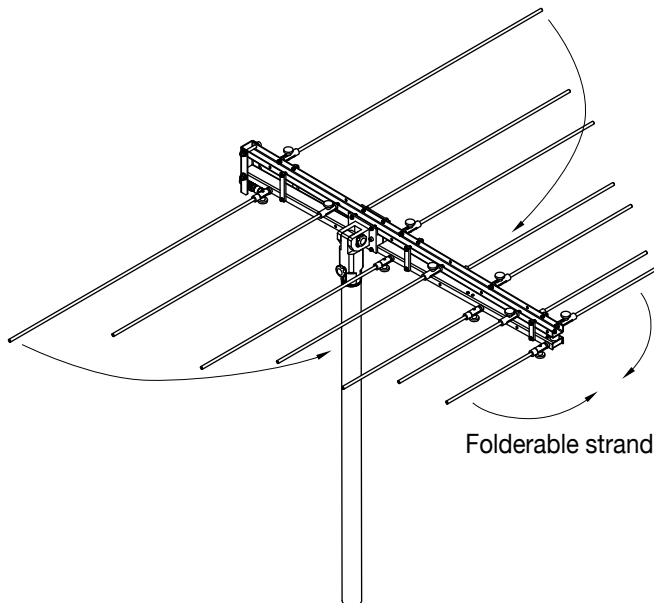


AVLP-R 85 - 110 / 75 Ω



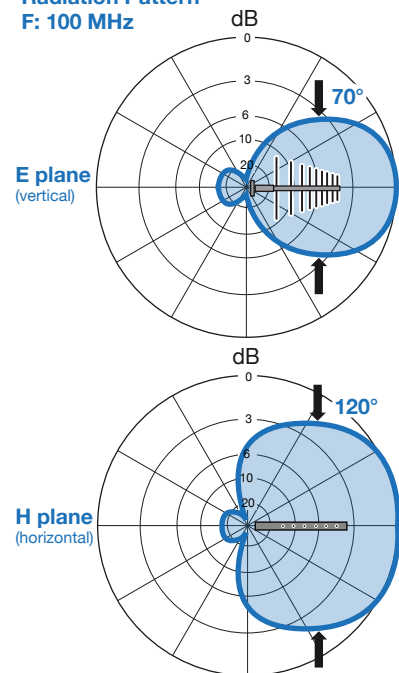
Frequency range	85 to 110 MHz	Lenght	1.92 m
Impedance	75 Ω	Spread	1.25 m
VSWR in the band	< 1.4	Materials	AGS – POM C
Isotropic gain	6.5 dBi	Weight	6 kg
Polarization	Vertical / Horizontal	Wind loading area	0.22 m ²
Radiation pattern		Wind speed resistance	200 km/h without frost
- E plane	70°	Temperature range	-40° to +80°C
- H plane	120°	Color	White RAL 9010
Maximum input power	600 W cw		
Connector	N f - 75 Ω		

Safety : all metal parts are at equipotential and connected to ground



Can be mounted in horizontal or vertical position

Radiation Pattern
F: 100 MHz



Dimensions in mm

[Return to Search by Part Number](#)

P/N	Model
99-0137	AVLP-R 85-110 / 75 Ω

Contact us for cable assemblies request

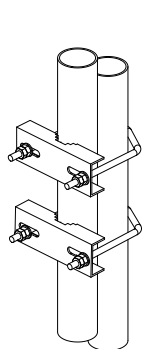
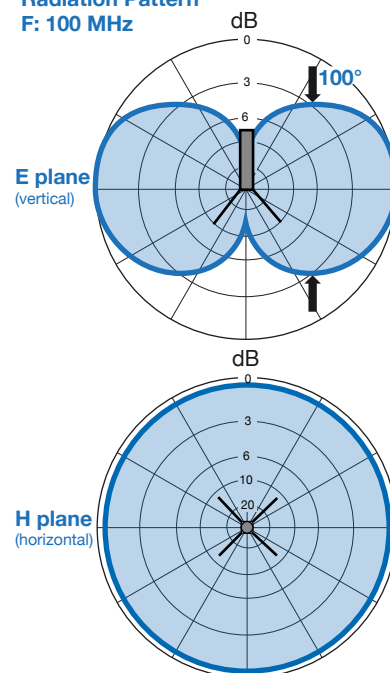
AVGP 150 - 170 Navy



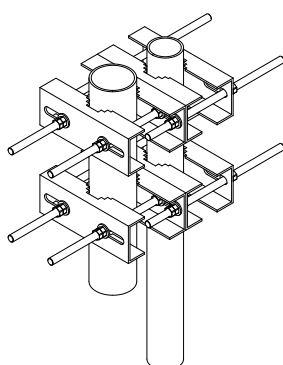
Frequency range	150 to 170 MHz	Height	0.68 m
Impedance	50 Ω	Maximum span	0.65 m
VSWR in the band	< 1.8	Dipole diameter	65 mm
Isotropic gain	2.5 dBi	Materials	AGS - POM C - Stainless
Polarization	Vertical	Weight	3.5 kg
Radiation pattern		Wind loading area	0.08 m ²
- E plan	100°	Windspeed resistance	230 km/h without frost
- H plan	omni at ± 0.5 dB	Wind load at 160 km/h	33 Nm / 25 Nm
Maximum input power	500 W cw	Temperature range	-40° to +70°C
Connector	N f - RG 214/U - L = 0.5 m	Color	White RAL 9010

Safety : all metal parts are at equipotential and connected to ground

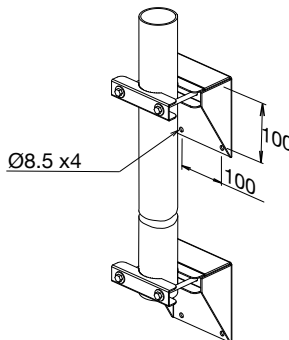
Radiation Pattern
F: 100 MHz



98-0206



98-0207



98-0208

Dimensions in mm

Return to Search by Part Number

P/N	Model	Fixation included
99-0052	AVGP 150-170 Navy	98-0206

P/N	Mounting Hardware
98-0206	2 clamps for Ø35 to 70
98-0207	2 clamps for Ø30 to 114
98-0208	2 shelter mount

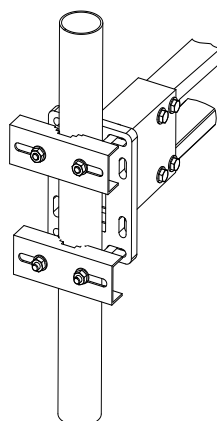
Contact us for cable assemblies request

AVLP 150 - 170 Navy



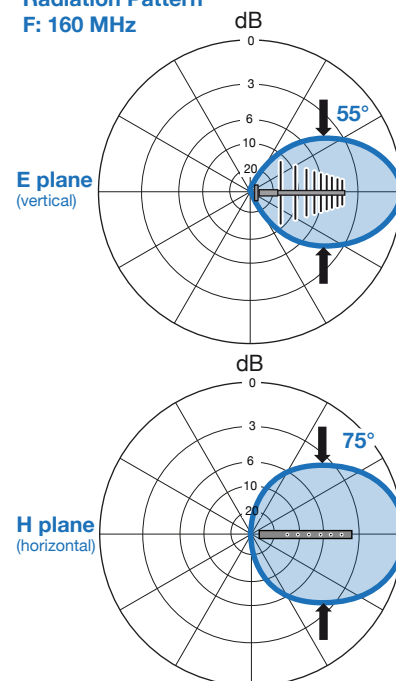
Frequency range	150 to 170 MHz	Lenght	2 m
Impedance	50 Ω	Spread	0.95 m
VSWR in the band	< 1.4	Materials	AGS - POM C - Stainless
Isotropic gain	> 9.5 dBi	Weight	9 kg
Polarization	Vertical / Horizontal / 45° option	Wind loading area	0.17 m ²
Radiation pattern		Windspeed resistance	230 km/h without frost
- E plan	55°	Temperature range	-40° to +70°C
- H plan	75°	Color	White RAL 9010
Front-to-back ratio	>21 dB	Fixation	60 to 114 mm tube
Maximum input power	500 W cw		
Connector	N f – RG 214/U - L = 0.5 m		

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern
F: 160 MHz

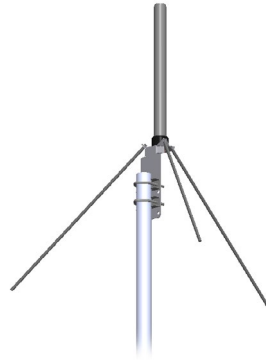


[Return to Search by Part Number](#)

P/N	Model
99-0041	AVLP 150-170 Navy

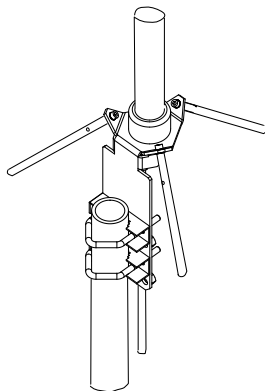
Contact us for cable assemblies request

AVGP Lite 162-174 Emergency

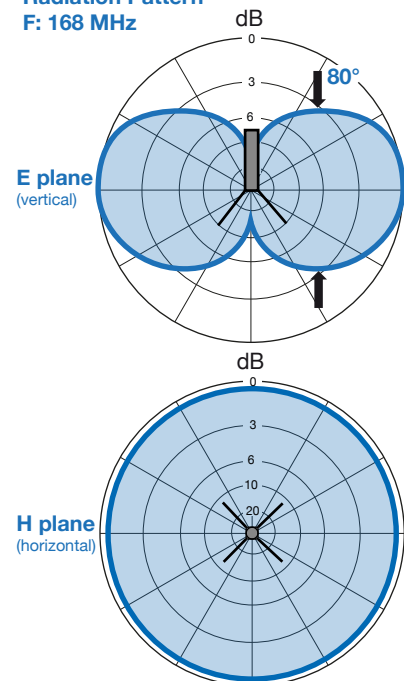


Frequency range	162 to 174 MHz	Height	0.70 m
Impedance	50 Ω	Maximum span	0.80 m
VSWR in the band	< 1.5	Dipole diameter	40 mm
Isotropic gain	2.15 dBi	Material	passivated aluminium
Polarization	Vertical	Weight	1.5 kg
Radiation pattern		Wind loading area	0.03 m ²
- E plane	80°	Wind speed resistance	200 km/h
- H plane	omni at ± 0.5 dB	Wind load at 160 km/h	30 N
Maximum input power	500 W cw	Temperature range	-40° to +70°C
Connector	Nf	Fixation included	$\varnothing$ 25 to 50mm

Safety : all metal parts are at equipotential and connected to ground



Radiation Pattern
F: 168 MHz



[Return to Search by Part Number](#)

P/N	Model
99-0212	AVGP 162-174

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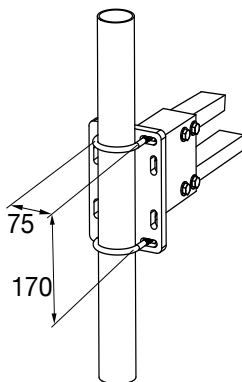
AVLP 170 - 230 DAB



V-UHF Antennas

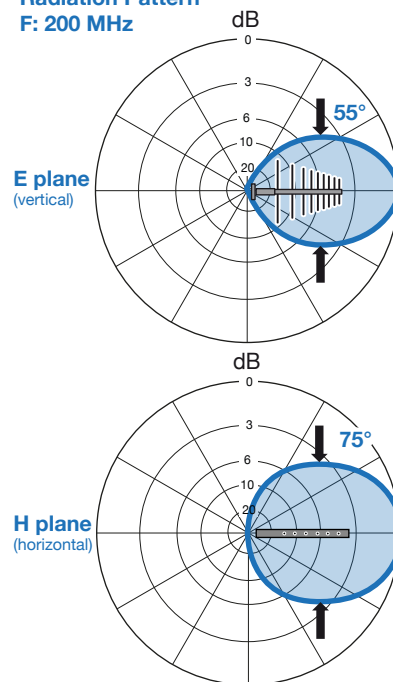
Frequency range	170 to 230 MHz	Lenght	2 m
Impedance	50 Ω	Spread	0.90 m
VSWR in the band	< 1.3	Materials	AGS - POM C - Stainless
Isotropic gain	> 9.5 dBi	Weight	7 kg
Polarization	Vertical	Wind loading area	0.17 m ²
Radiation pattern		Windspeed resistance	220 km/h without frost
- E plan	55°	Wind load at 160 km/h	30 Nm
- H plan	75°	Temperature range	-40° to +80°C
Maximum input power	500 W cw	Color	White RAL 9010
Connector	N f – RG 214/U - L = 0.5 m		

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern
F: 200 MHz



[Return to Search by Part Number](#)

P/N	Model
99-0121	AVLP 170-230 DAB

Contact us for cable assemblies request

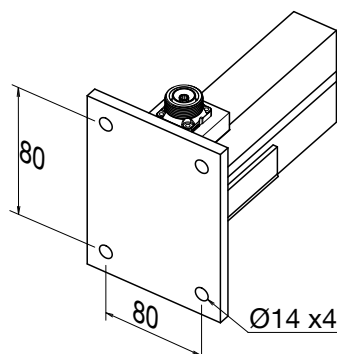
AVD 170-205 / 200-230 DAB



V-UHF Antennas

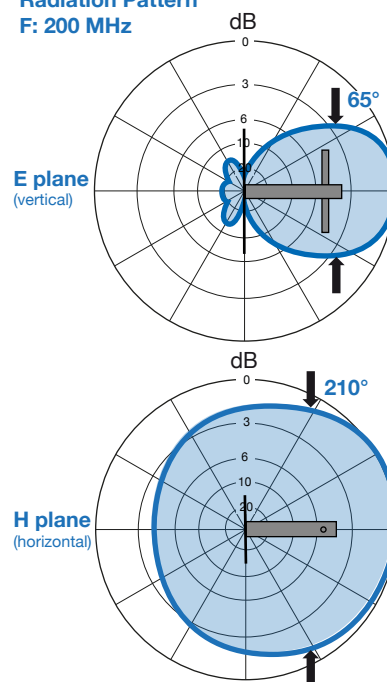
Frequency range	170 to 230 MHz 200 to 230 MHz	Height	0.70 m
Impedance	50 Ω	Width	0.45 m
VSWR in the band	< 1.5	Materials	AGS - POM C - Stainless
Isotropic gain	3.5 dBi	Weight	3.5 kg
Polarization	Vertical	Wind loading area	0.10 m ²
Radiation pattern		Wind speed resistance	220 km/h without frost
- E plane	65°	Wind load at 160 km/h	30 Nm
- H plane	210°	Temperature range	-40° to +80°C
Maximum input power	1 kW (7-16) 3 kW (EIA 7/8")	Color	White RAL 9010

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern
F: 200 MHz



[Return to Search by Part Number](#)

P/N	Connector	Model
99-0122	7-16 f	AVD 170-205 MHz DAB
99-0122P	EIA 7/8"	AVD 170-205 MHz DAB
99-0122H	7-16 f	AVD 200-230 MHz DAB
99-0122HP	EIA 7/8"	AVD 200-230 MHz DAB

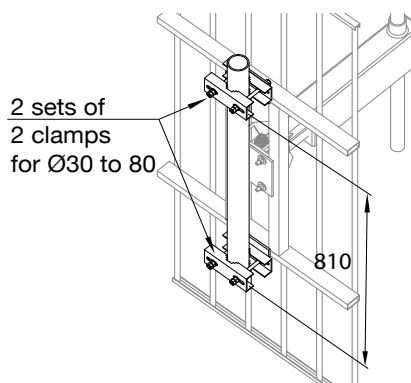
Contact us for cable assemblies request

AVPAN 170-205 / 200-230 DAB



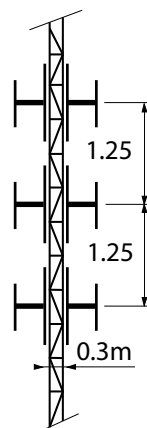
Frequency range	170 to 230 MHz	Height	1.20 m
	200 to 230 MHz	Width	0.48 m
Impedance	50 Ω	Materials	Galvanized steel-Fiberglass
VSWR in the band	< 1.5	Weight	22 kg
Isotropic gain	6 dBi	Wind loading area	0.20 m ²
Polarization	Vertical	Wind speed resistance	220 km/h without frost
Radiation pattern		Wind load at 160 km/h	30 Nm
- E plane	65°	Temperature range	-40° to +80°C
- H plane	140°	Fixation	Included
Maximum input power	1 kW (7-16)		
	3 kW (EIA 7/8")		

Safety : all metal parts are at equipotential and connected to ground

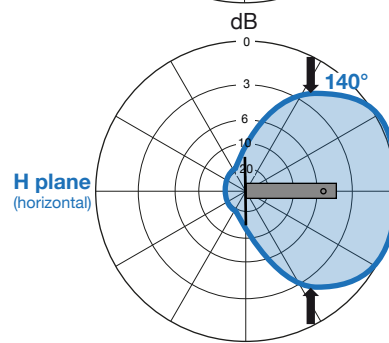
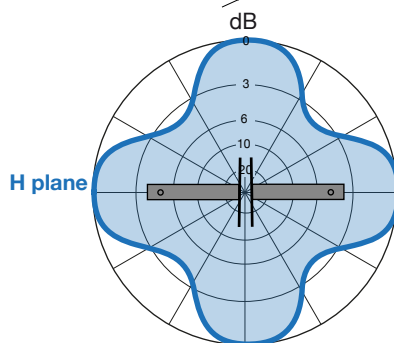
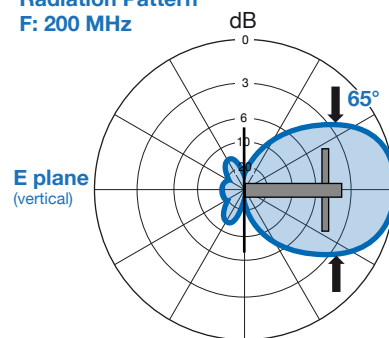


Dimensions in mm

Nb of level	Isotropic gain
1	4.0 dB
2	7.0 dB
3	8.5 dB
4	10.0 dB
5	12.5 dB



Radiation Pattern
F: 200 MHz



[Return to Search by Part Number](#)

P/N	Connector	Model
99-0219	7-16 f	AVPAN 170-205 MHz DAB
99-0219P	EIA 7/8"	AVPAN 170-205 MHz DAB
99-0219H	7-16 f	AVPAN 200-230 MHz DAB
99-0219HP	EIA 7/8"	AVPAN 200-230 MHz DAB

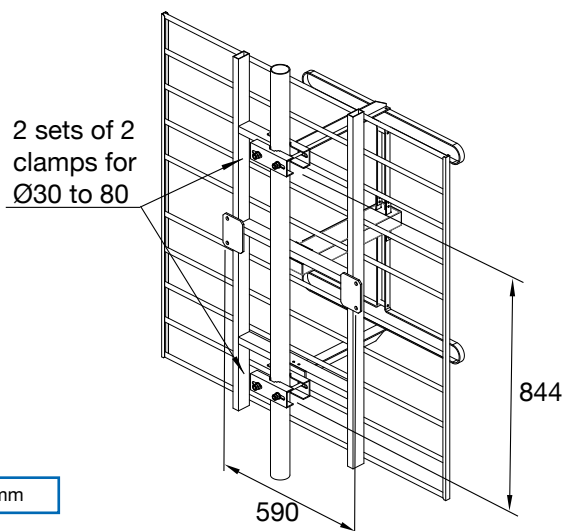
Contact us for cable assemblies request

AVPAN BIII 170 - 230 DAB



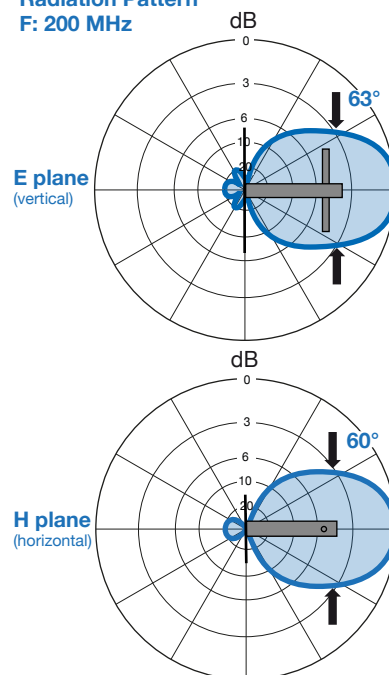
Frequency range	170 to 230 MHz	Height	1.30 m
Impedance	50 Ω	Width	1.30 m
VSWR in the band	< 1.5	Materials	AGS - POM C - Stainless
Isotropic gain	10 dBi	Weight	8 kg
Polarization	Vertical	Wind loading area	0.30 m ²
Radiation pattern		Wind speed resistance	220 km/h without frost
- E plane	63°	Wind load at 160 km/h	55 Nm
- H plane	60°	Temperature range	-40° to +80°C
Maximum input power	1 kW / 3 kW @ 7/8"	Color	White RAL 9010
Connector	7-16 f / EIA 7/8"	Fixation	included

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern
F: 200 MHz



Return to Search by Part Number

P/N	Model
99-0091	AVPAN BIII 170-230 DAB

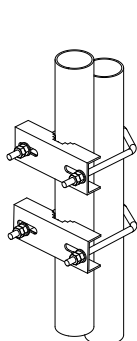
Contact us for cable assemblies request

AVGP 170 - 240 DAB

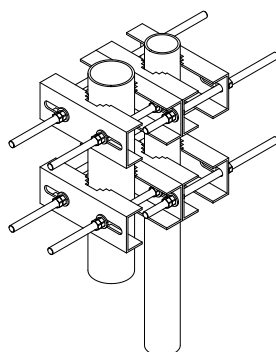


Frequency range	170 to 240 MHz	Height	0.63 m
Impedance	50 Ω	Maximum span	0.60 m
VSWR in the band	< 1.8	Dipole diameter	65 mm
Isotropic gain	2.5 dBi	Materials	AGS - POM C - Stainless
Polarization	Vertical	Weight	2.1 kg
Radiation pattern		Wind loading area	0.08 m ²
- E plan	100°	Windspeed resistance	230 km/h without frost
- H plan	omni at ± 0.5 dB	Wind load at 160 km/h	25 Nm
Maximum input power	1000 W cw	Temperature range	-40° to +80°C
Connector	7-16 f	Color	White RAL 9010

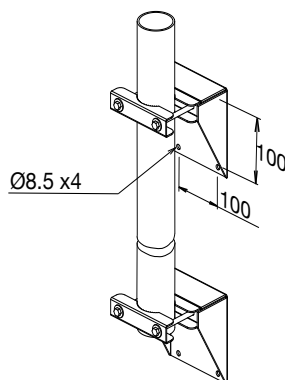
Safety : all metal parts are at equipotential and connected to ground



98-0206

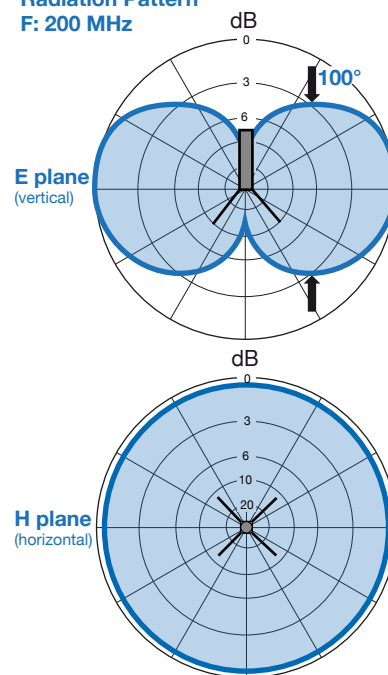


98-0207



98-0208

Radiation Pattern
F: 200 MHz



Return to Search by Part Number

P/N	Model	Fixation included
99-0002	AVGP 170-240 DAB	98-0206

P/N	Mounting Hardware
98-0206	2 clamps for Ø35 to 70
98-0207	2 clamps for Ø30 to 114
98-0208	2 shelter mount

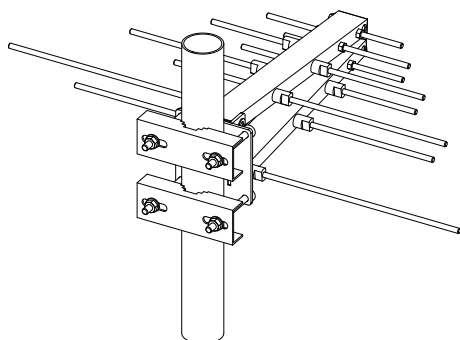
Contact us for cable assemblies request

AVLP-R 170 - 240 DAB



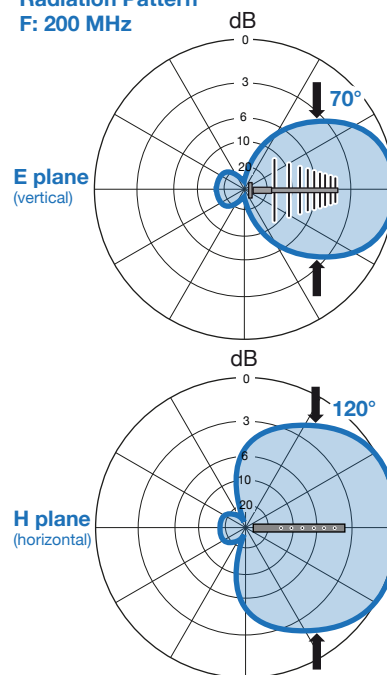
Frequency range	170 to 240 MHz	Lenght	1.05 m
Impedance	50 Ω	Spread	0.70 m
VSWR in the band	< 1.6	Materials	AGS – POM C
Isotropic gain	6.5 dBi	Weight	4 kg
Polarization	Vertical / Horizontal	Wind loading area	0.15 m ²
Radiation pattern		Windspeed resistance	200 km/h without frost
- E plan	70°	Wind load at 160 km/h	20 Nm
- H plan	120°	Temperature range	-40° to +70°C
Maximum input power	400 W cw	Color	White RAL 9010
Connector	N f		

Safety : all metal parts are at equipotential and connected to ground



Can be mounted in horizontal or vertical position

Radiation Pattern
F: 200 MHz



Return to Search by Part Number

P/N	Model	Fixation included
99-0151	AVLP-R 170-240 DAB	100-197

P/N	Mounting hardware
100-197	2 clamps for Ø30 to 90

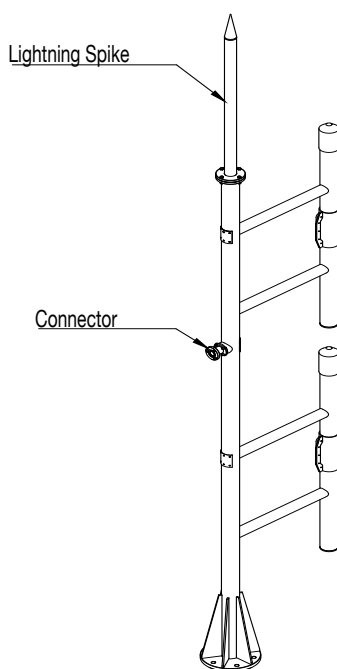
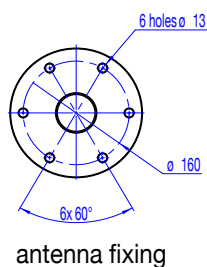
Contact us for cable assemblies request

DAB Dipole Antenna 174-240 MHz

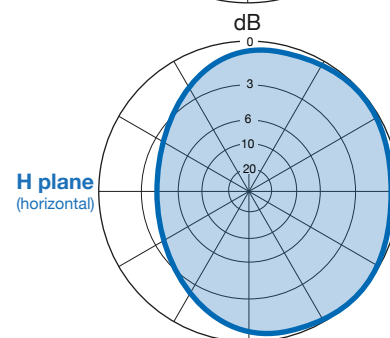
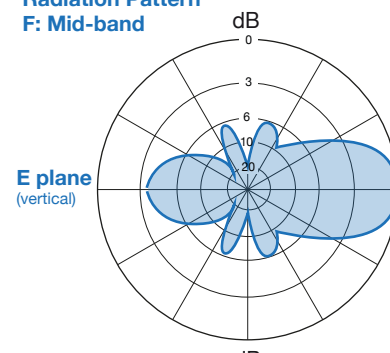


Frequency range	1704to 240 MHz	Height	3.2 m
Impedance	50 Ω	Maximum span	0.50 m
VSWR in the band	< 1.3	Outer materials	Al5754 / fibre glass
Isotropic gain	7 dBi	Inner materials	Brass / PTFE
Polarization	Vertical	Protection	Polyester white RAL9010
Radiation pattern		Wind load	560N (@60 km/h)
- E plan	33°	Wind max speed	220 km/h without frost
- H plan	230°	Weight	12.2 kg
		Temperature	-40° to +70°C

Safety : all metal parts are at equipotential and connected to ground



Radiation Pattern
F: Mid-band



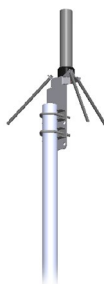
Dimension in mm

[Return to Search by Part Number](#)

P/N	Model	Connector	Power (kW)
99-0204	DAB Dipole Antenna 174-240 MHz (Straight EIA 7/8" Flange)	EIA 7/8"	3
99-0204R	DAB Dipole Antenna 174-240 MHz (Right Angle EIA 7/8" Flange)	EIA 7/8"	3
99-0251	DAB Dipole Antenna 174-240 MHz (Right Angle EIA 1.5/8" Flange)	EIA 1.5/8"	5

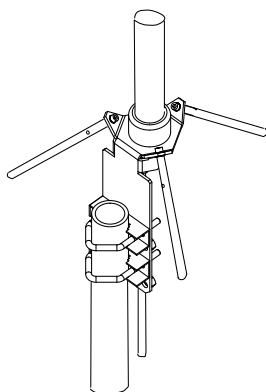
Contact us for cable assemblies request

AVGP Lite 370-470 Emergency

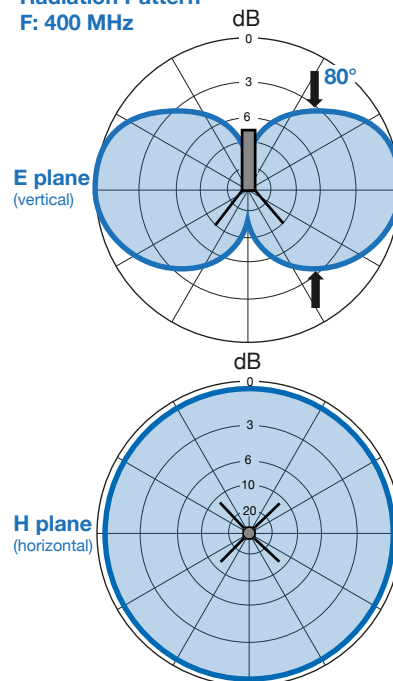


Frequency range	370 to 430 MHz 406 to 470 MHz	Height	0.41 m
Impedance	50 Ω	Maximum span	0.4 m
VSWR in the band	< 1.8	Dipole diameter	40 mm
Isotropic gain	2.15 dBi	Material	passivated aluminium
Polarization	Vertical	Weight	0.9 kg
Radiation pattern		Wind loading area	0.013 m ²
- E plane	80°	Wind speed resistance	200 km/h
- H plane	omni at ± 0.5 dB	Wind load at 160 km/h	13 N
Maximum input power	300 W cw	Temperature range	-40° to +70°C
Connector	Nf	Fixation included	$\varnothing$ 25 to 50mm

Safety : all metal parts are at equipotential and connected to ground



Radiation Pattern
F: 400 MHz



[Return to Search by Part Number](#)

P/N	Model
99-0203	AVGP Lite 370-430
99-0213	AVGP Lite 406-470

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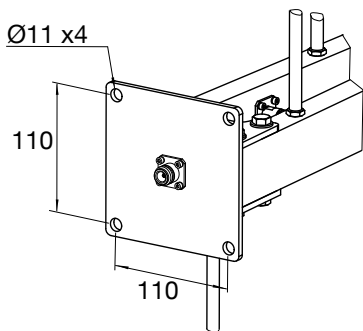
AULP 400 - 1000



V-UHF Antennas

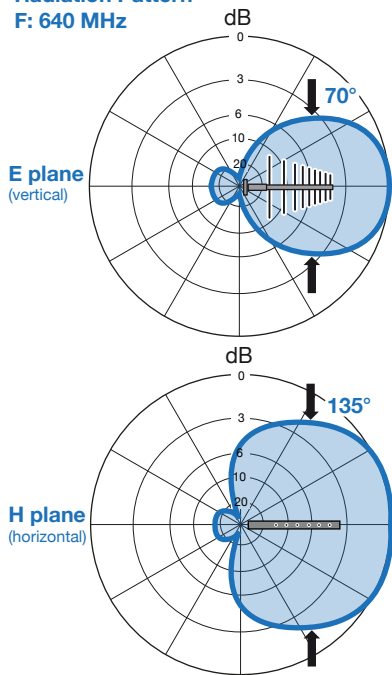
Frequency range	400 to 1000 MHz	Height	0.42 m
Impedance	50 Ω	Spread	0.40 m
VSWR in the band	< 1.6	Material	AGS / POM C
Isotropic gain	6.5 dBi	Weight	3 kg
Polarization	Vertical / horizontal	Wind speed resistance	200 km/h without frost
Radiation pattern		Temperature range	-40° to +70°C
- E plane	70°	Color	White RAL 9010
- H plane	135°		
Maximum input power	300 W cw		
Connector	Nf		

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern
F: 640 MHz

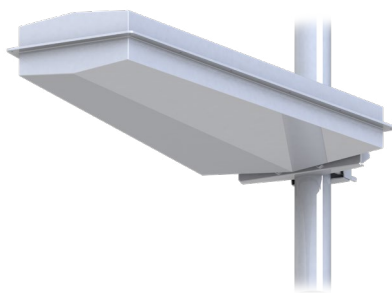


[Return to Search by Part Number](#)

P/N	Model	Lenght (m)	Spread (m)	Output
99-0241	AULP 400-1000	0.42	0.4	Rear

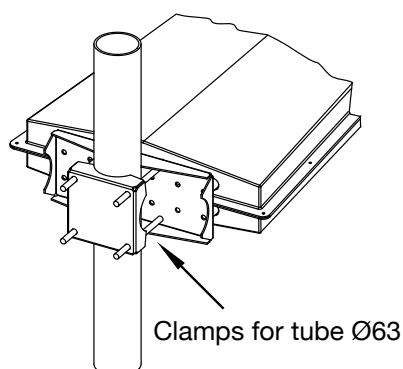
Contact us for cable assemblies request

AULP 450 - 900 DVB



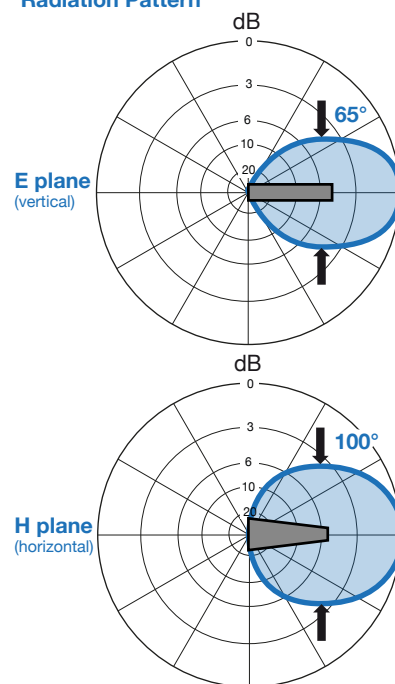
Frequency range	450 to 900 MHz	Lenght	1.30 m
Impedance	50 Ω	Spread	0.45 m
VSWR in the band	< 1.4	Materials	AGS – Fiberglass
Isotropic gain	10 dBi	Weight	3.5 kg
Polarization	Vertical - Horizontal	Wind loading area front-side	0.40 m ² - 0.15 m ²
Radiation pattern		Windspeed resistance	220 km/h without frost
- E plan	65°	Wind load at 160 km/h	33 Nm
- H plan	100°	Temperature range	-40° to +70°C
Maximum input power	300 W cw	Color	White RAL 9010
Connector	N f	Fixation	Included

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern



Return to Search by Part Number

P/N	Model
99-0003	AULP 450-900 DVB

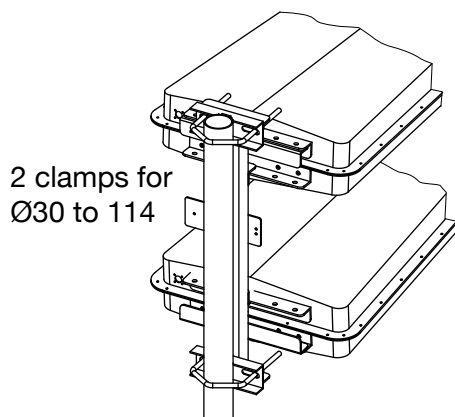
Contact us for cable assemblies request

AUBILOG 470 - 860 DVB



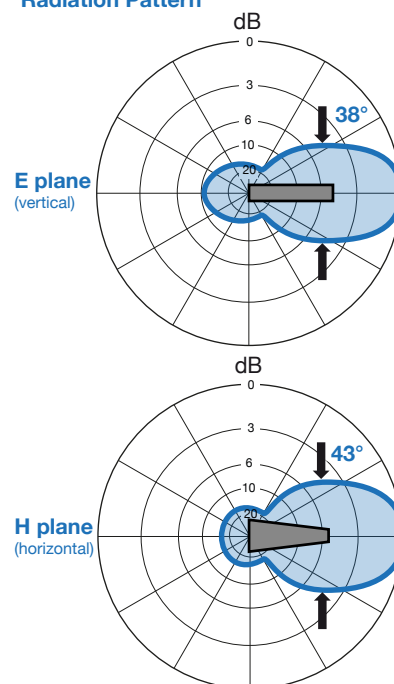
Frequency range	470 to 860 MHz	Height	500 mm
Impedance	50 Ω	Lenght	1900 mm
VSWR in the band	< 2.0	Width	450 mm
Isotropic gain	≥ 13.5 dBi	Materials	AGS – Fiberglass
Polarization	Horizontal	Weight	20 kg
3dB Horizontal beamwidth	43°	Wind loading area front-side	0.15 m ² - 0.25 m ²
3dB Vertical beamwidth	38°	Windspeed resistance	220 km/h without frost
Front-to-Back ratio	> 22 dB	Wind load at 160 km/h	41 Nm
Side isolation	> -25 dB	Temperature range	-40° to +70°C
Vertical isolation	> -30 dB	Color	White RAL 9010
Connector	7-16 f	Fixation	Included

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

Radiation Pattern



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P/N	Model
99-0068	AUBILOG 470-860 DVB

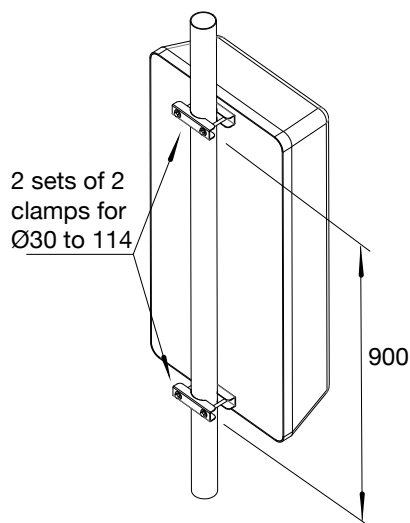
Contact us for cable assemblies request

AUPAN 470 - 860 DVB



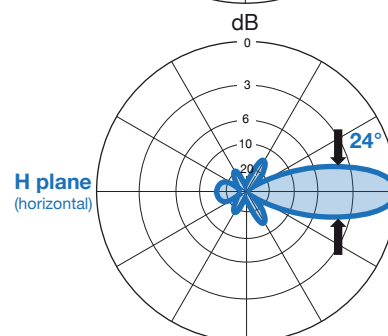
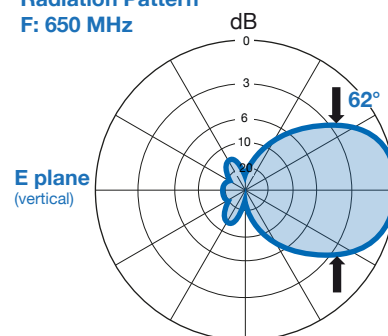
Frequency range	470 to 865 MHz	Height	970 mm
Impedance	50 Ω	Width	470 mm
VSWR in the band	< 1.15	Materials	AGS – Fiberglass
Isotropic gain	≥ 13 dBi	Weight	16 kg
Polarization	Vertical or Horizontal	Wind loading area	0.48 m ²
Radiation pattern		Windspeed resistance	230 km/h without frost
- E plane	62°	Temperature range	-40° to +80°C
- H plane	24°	Color	White RAL 9010
Maximum input power		Fixation	30 to 114 mm tube
- Connector N f	300 W		
- Connector 7-16 f	500 W		
- Connector EIA 7/8"	2 kW		

Safety : all metal parts are at equipotential and connected to ground



Dimensions in mm

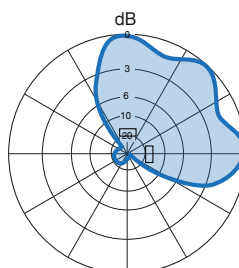
Radiation Pattern
F: 650 MHz



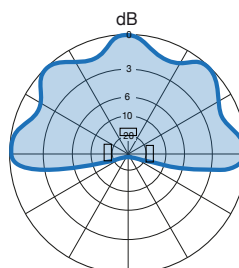
Return to Search by Part Number

P/N	Connector
99-0149	7-16 f
99-0149P	EIA 7/8"

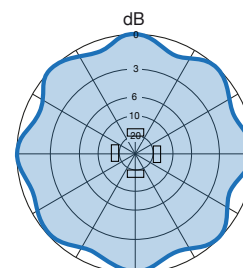
Contact us for cable assemblies request



2 AUPAN @ 90°



3 AUPAN @ 90°



4 AUPAN @ 90°

Power splitter BJ 80 - 110 / 135 - 180



Frequency range

- BJ FM BII 80 to 110 MHz
- BJ MARINE BIIB 135 to 180 MHz

Impedance

50 Ω

VSWR in the band

< 1.15

Maximum input power

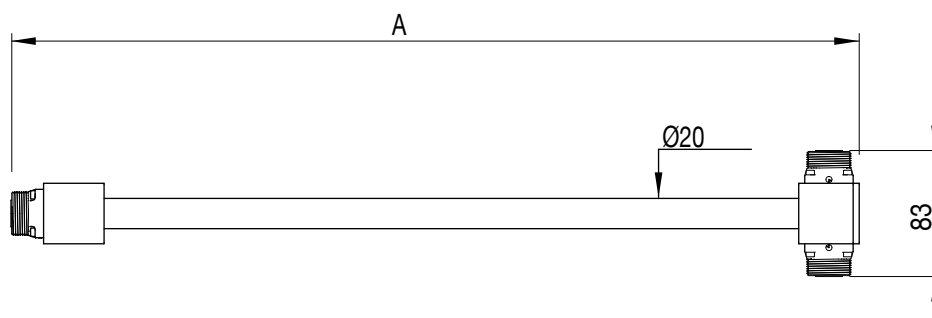
600 W to 2.4 kW

Temperature range

-40° to +70°C

Color

White RAL 9010



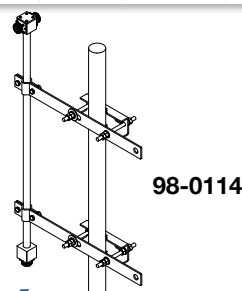
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Model	Frequency (MHz)	Nb of ways	Split loss (dB)	Connector		Power (W)	A (m)
					in	out		
98-0067	BJ 2 FM - BII -7-16	80 - 110	2	3	7-16	7-16	600	1.65
98-0068	BJ 3 FM - BII -7-16	80 - 110	3	4.8	7-16	7-16	1200	1.65
98-0069	BJ 4 FM - BII -7-16	80 - 110	4	6.1	7-16	7-16	1600	1.65
98-0070	BJ 2 FM - BII -7/8"	80 - 110	2	3	7/8"	7-16	1200	1.65
98-0071	BJ 3 FM - BII -7/8"	80 - 110	3	4.8	7/8"	7-16	1800	1.65
98-0072	BJ 4 FM - BII -7/8"	80 - 110	4	6.1	7/8"	7-16	2400	1.65
98-0073	BJ 2 MARINE - BIIB	135 - 180	2	3	7-16	7-16	600	1.30
98-0074	BJ 3 MARINE - BIIB	135 - 180	3	4.8	7-16	7-16	1200	1.30
98-0075	BJ 4 MARINE - BIIB	135 - 180	4	6.1	7-16	7-16	1600	1.30

P/N	Mounting Hardware
98-0114	Ø30 to 114 mm pipe

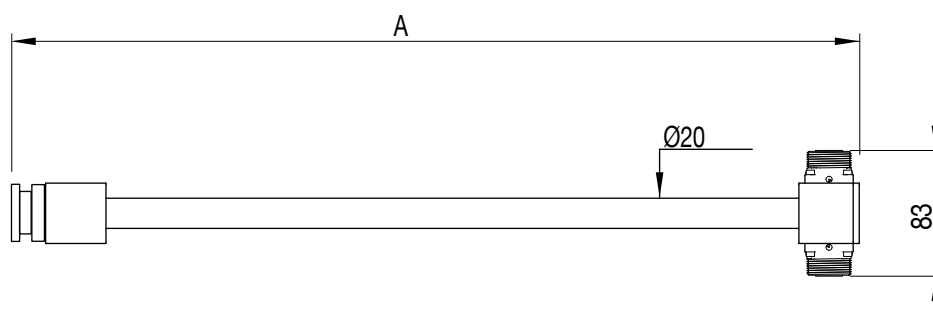
Power splitter must be installed vertically, input connector facing down



Power splitter BJ 170 - 230



Frequency range	170 to 230 MHz	Materials	Brass
Impedance	50 Ω	Temperature range	-40° to +80°C
VSWR in the band	< 1.05	Color	White (RAL 9010)



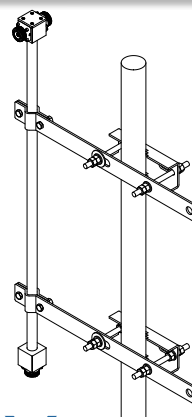
Dimensions in mm

[Return to Search by Part Number](#)

P/N	Frequency band (MHz)	Nb of ways	Split loss (dB)	Connector		Power (kW)	A (m)
				in	out		
29-0091	170 - 230	2	3	7/8"	7-16	2	1.30
29-0091P	170 - 230	2	3	1.5/8"	7/8"	3	1.30
29-0092	170 - 230	3	4.8	7/8"	7-16	2	1.30
29-0093	170 - 230	4	6.1	7/8"	7-16	2	1.30

P/N	Mounting Hardware
98-0114	Ø30 to 114 mm pipe

Power splitter must be installed vertically, input connector facing down



98-0114

Search by Part Number

Part Number	Page
29-0091	V28
29-0091P	V28
29-0092	V28
29-0093	V28
98-0067	V27
98-0068	V27
98-0069	V27
98-0070	V27
98-0071	V27
98-0072	V27
98-0073	V27
98-0074	V27
98-0075	V27
99-0001	V6
99-0002	V19
99-0003	V24
99-0041	V13
99-0042	V7
99-0052	V12
99-0068	V25
99-0091	V18
99-0121	V15
99-0122	V16
99-0122P	V16
99-0122H	V16
99-0122HP	V16
99-0137	V11
99-0149	V26
99-0149P	V26
99-0151	V16
99-0152	V9
99-0152P	V9
99-0153	V10
99-0153P	V10
99-0154	V8
99-0203	V26
99-0209	V3
99-0210	V4
99-0211	V5
99-0212	V14
99-0213	V22
99-0219	V17
99-0219P	V17
99-0219H	V17
99-0219HP	V17
99-0241	V23
99-0251	V21





V-UHF Antennas



