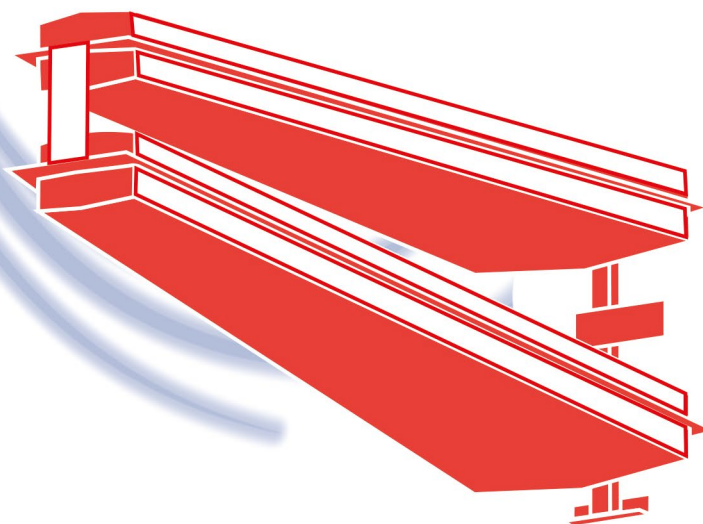


# V·UHF BROADCAST & EMERGENCY ANTENNAS



=> Search by Part Number

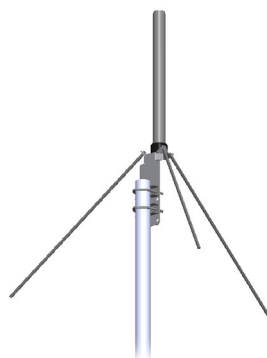


## For FM DAB DVB Broadcast Transmissions & Emergency Services

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

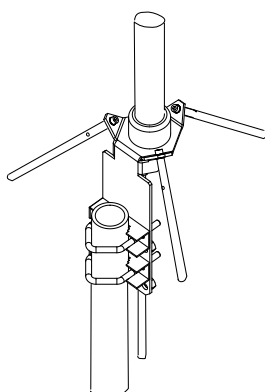
|                               |    |                                        |    |
|-------------------------------|----|----------------------------------------|----|
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# AVGP Lite 68-74 Emergency

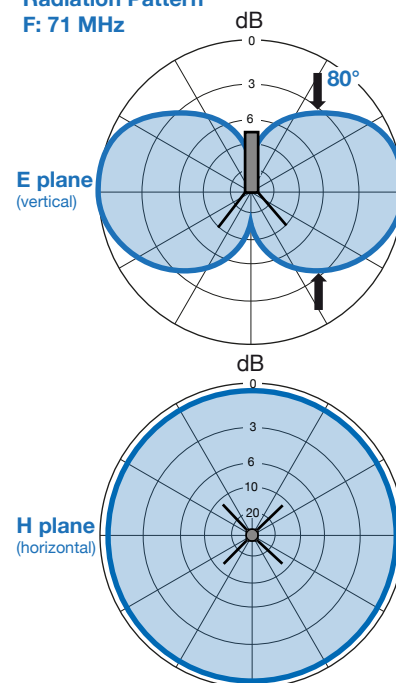


|                     |                      |                       |                          |
|---------------------|----------------------|-----------------------|--------------------------|
| Frequency range     | 68 to 74 MHz         | Height                | 1.68 m                   |
| Impedance           | 50 $\Omega$          | 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 <sup>2</sup>      |
| - E plane           | 80°                  | Wind speed resistance | 200 km/h                 |
| - H plane           | omni at $\pm 0.5$ 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

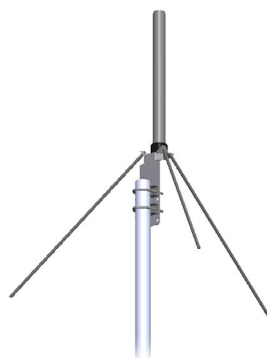


[Return to Search by Part Number](#)

| P/N     | Model      |
|---------|------------|
| 99-0209 | AVGP 68-74 |

contact us for cable assemblies request

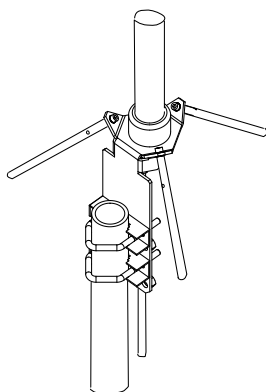
# AVGP Lite 74-80 Emergency



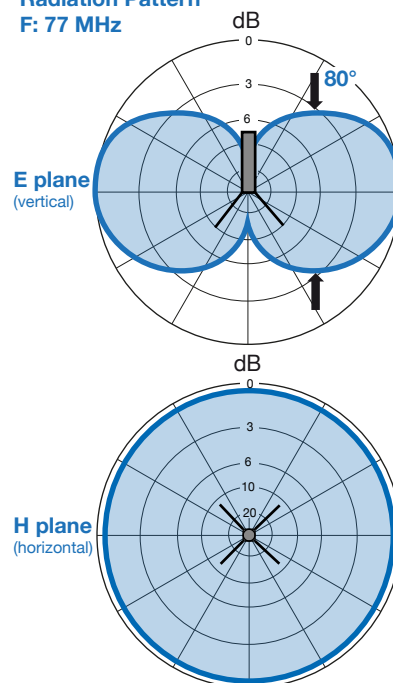
## V-UHF Antennas

|                     |                      |                       |                          |
|---------------------|----------------------|-----------------------|--------------------------|
| Frequency range     | 74 to 80 MHz         | Height                | 1.55 m                   |
| Impedance           | 50 $\Omega$          | 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 <sup>2</sup>     |
| - E plane           | 80°                  | Wind speed resistance | 200 km/h                 |
| - H plane           | omni at $\pm 0.5$ 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

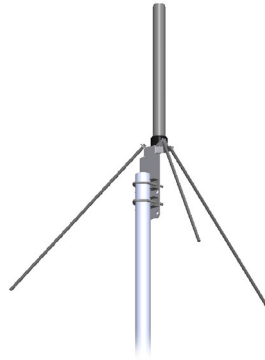


[Return to Search by Part Number](#)

| P/N     | Model      |
|---------|------------|
| 99-0210 | AVGP 74-80 |

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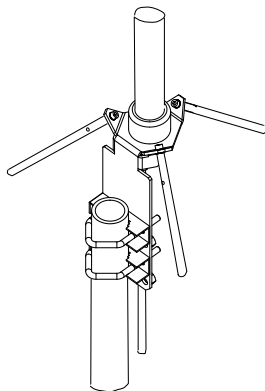
# AVGP Lite 83-87 Emergency



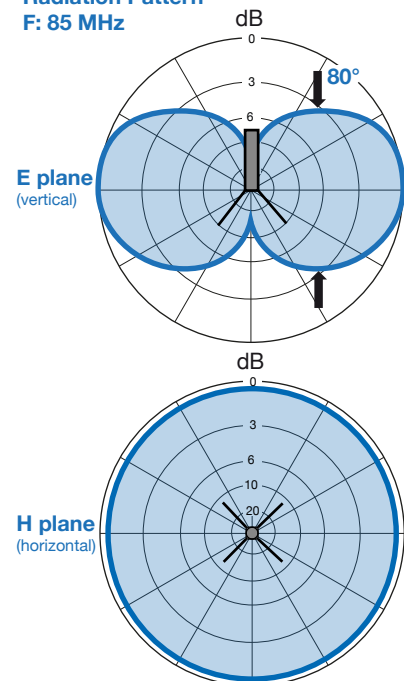
V-UHF Antennas

|                     |                      |                       |                          |
|---------------------|----------------------|-----------------------|--------------------------|
| Frequency range     | 83 to 87 MHz         | Height                | 1.41 m                   |
| Impedance           | 50 $\Omega$          | 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 <sup>2</sup>     |
| - E plane           | 80°                  | Wind speed resistance | 200 km/h                 |
| - H plane           | omni at $\pm 0.5$ 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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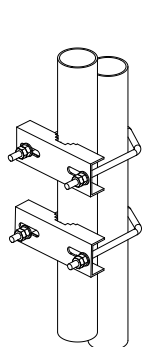
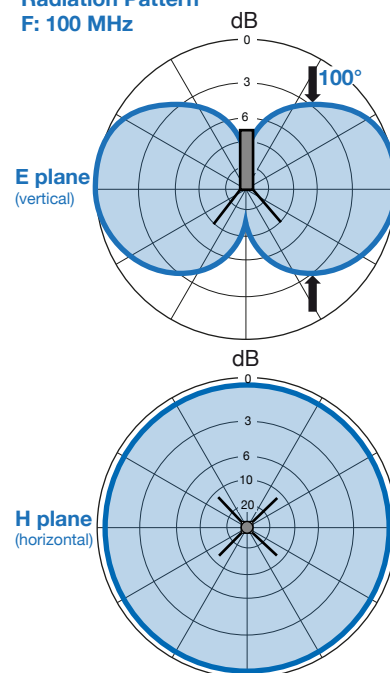
# AVGP 87 - 108 FM



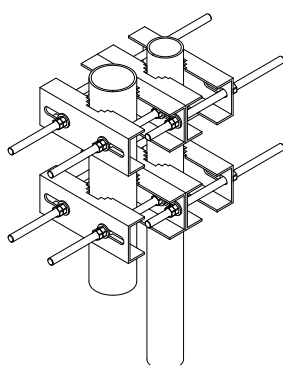
|                     |                            |                       |                         |
|---------------------|----------------------------|-----------------------|-------------------------|
| Frequency range     | 87 to 108 MHz              | Height                | 1.25 m                  |
| Impedance           | 50 $\Omega$                | 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 <sup>2</sup>     |
| - E plan            | 100°                       | Windspeed resistance  | 230 km/h without frost  |
| - H plan            | omni at $\pm 0.5$ 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

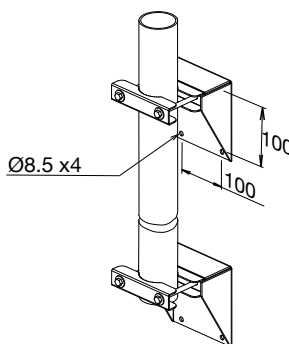
Radiation Pattern  
F: 100 MHz



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

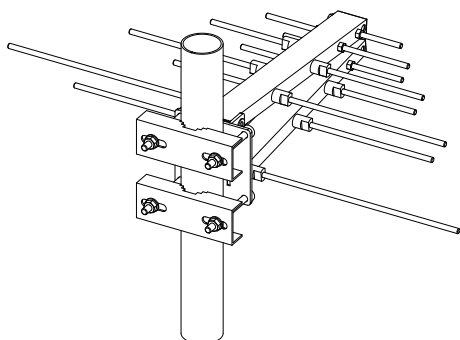
# AVLP-R 85 - 110 FM



V-UHF Antennas

|                     |                       |                       |                        |
|---------------------|-----------------------|-----------------------|------------------------|
| Frequency range     | 85 to 110 MHz         | Lenght                | 1.25 m                 |
| Impedance           | 50 $\Omega$           | 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 <sup>2</sup>    |
| 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                   |                       |                        |

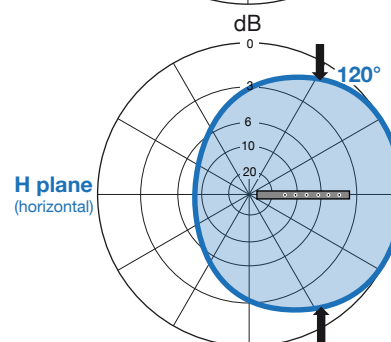
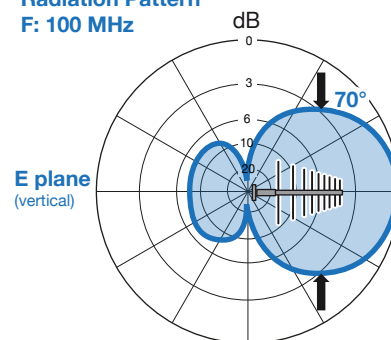
Safety : all metal parts are at equipotential and connected to ground



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 |

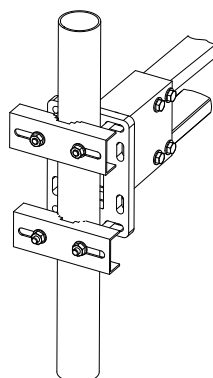
Contact us for cable assemblies request

# AVLP 85 - 108 FM



|                     |                            |                       |                         |
|---------------------|----------------------------|-----------------------|-------------------------|
| Center frequency    | 85 to 108 MHz              | Lenght                | 2.80 m                  |
| Impedance           | 50 $\Omega$                | 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 <sup>2</sup>     |
| 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 |                       |                         |

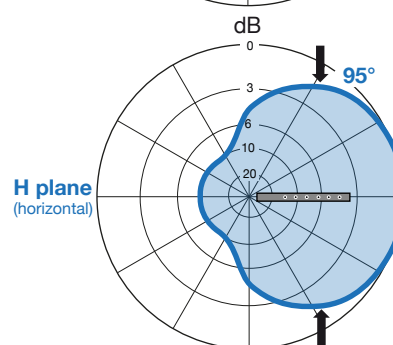
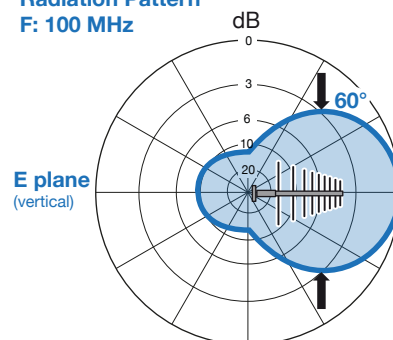
Safety : all metal parts are at equipotential and connected to ground



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

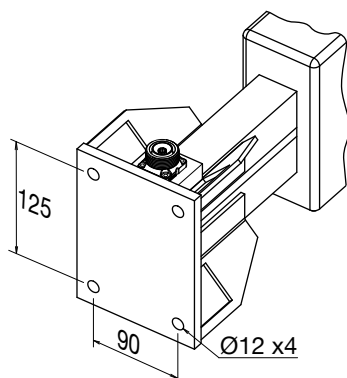
# AVD 87 - 108 FM



V-UHF Antennas

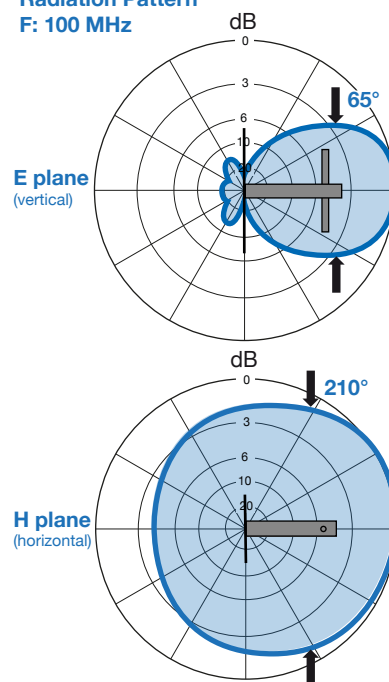
|                     |                       |                       |                         |
|---------------------|-----------------------|-----------------------|-------------------------|
| Frequency range     | 87 to 108 MHz         | Height                | 1.35 m                  |
| Impedance           | 50 $\Omega$           | 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 <sup>2</sup>     |
| 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

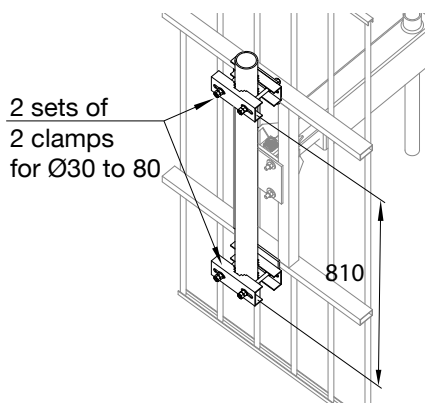
# AVPAN 87 - 108 FM



V-UHF Antennas

|                     |                    |                       |                         |
|---------------------|--------------------|-----------------------|-------------------------|
| Frequency range     | 87 to 108 MHz      | Height                | 2.40 m                  |
| Impedance           | 50 $\Omega$        | Width                 | 0.95 m                  |
| VSWR in the band    | < 1.3              | Materials             | AGS - POM C - Stainless |
| Isotropic gain      | 7 dBi              | Weight                | 13 kg                   |
| Polarization        | Vertical           | Wind loading area     | 0.30 m <sup>2</sup>     |
| Radiation pattern   |                    | Wind speed resistance | 220 km/h without frost  |
| - E plane           | 65°                | Wind load at 160 km/h | 30 Nm                   |
| - H plane           | 125°               | Temperature range     | -40° to +80°C           |
| Maximum input power | 1 kW / 2 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

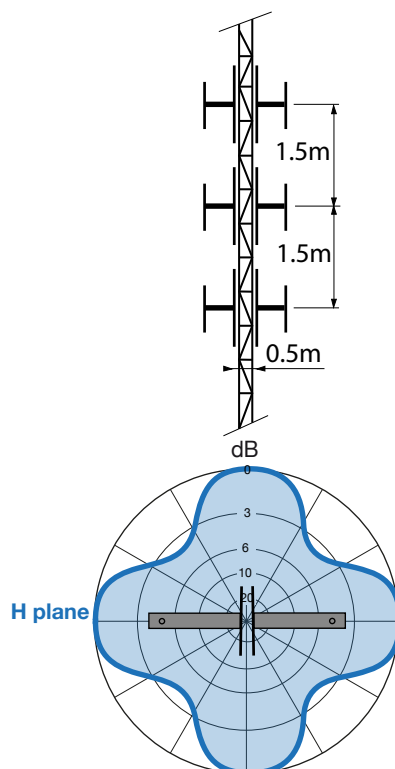
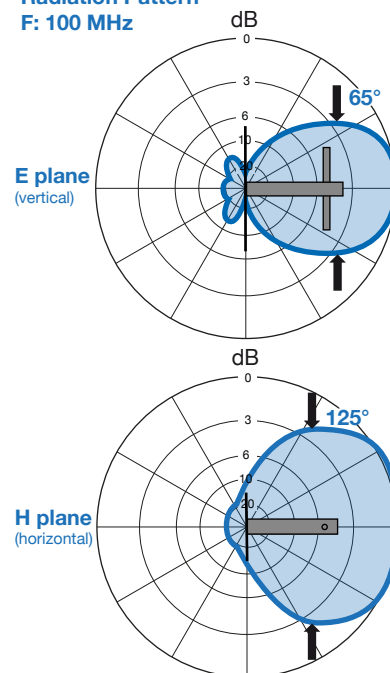
Return to Search by Part Number

| 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        |

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Radiation Pattern  
F: 100 MHz

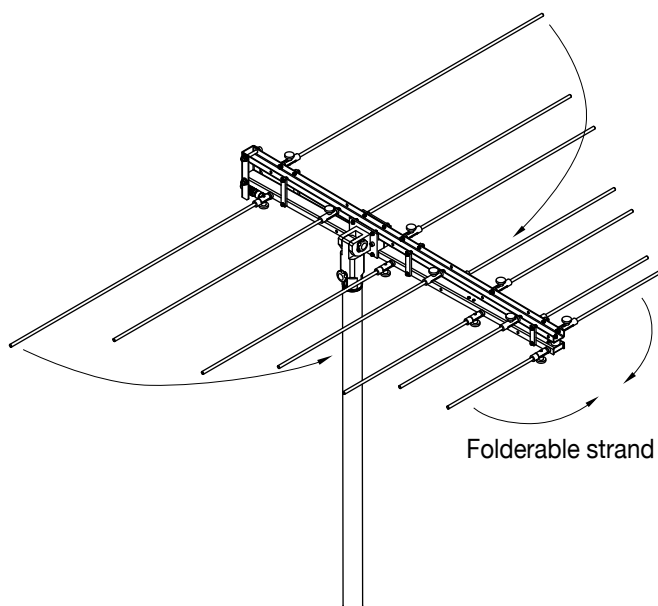


# AVLP-R 85 - 110 / 75 Ω



|                     |                       |                       |                        |
|---------------------|-----------------------|-----------------------|------------------------|
| 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 <sup>2</sup>    |
| 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

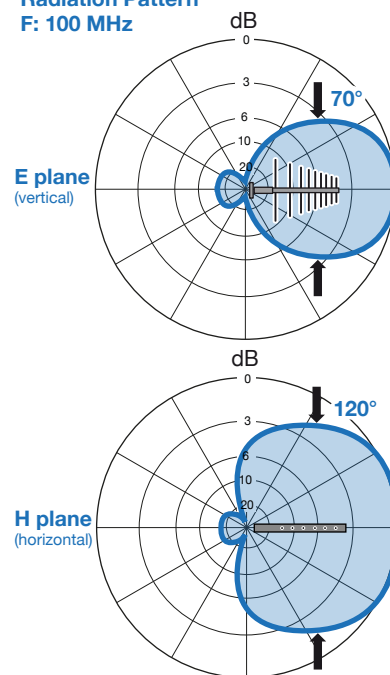
Dimensions in mm

[Return to Search by Part Number](#)

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

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**Radiation Pattern**  
F: 100 MHz



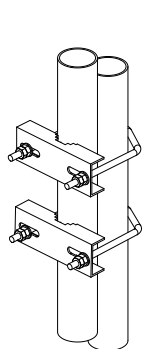
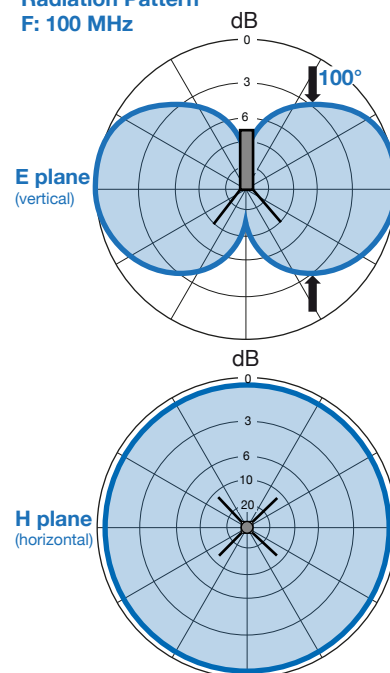
# AVGP 150 - 170 Navy



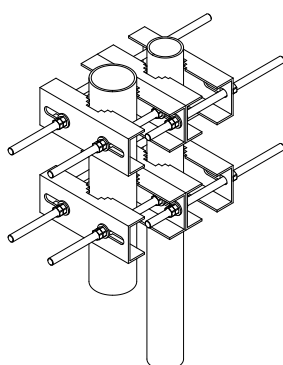
|                     |                            |                       |                         |
|---------------------|----------------------------|-----------------------|-------------------------|
| Frequency range     | 150 to 170 MHz             | Height                | 0.68 m                  |
| Impedance           | 50 $\Omega$                | 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 <sup>2</sup>     |
| - E plan            | 100°                       | Windspeed resistance  | 230 km/h without frost  |
| - H plan            | omni at $\pm 0.5$ 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

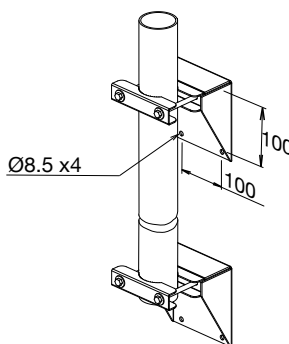
Radiation Pattern  
F: 100 MHz



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         |

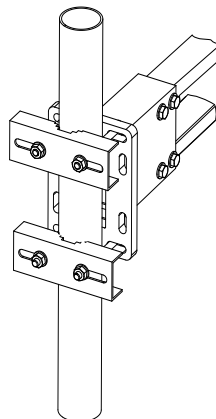
Contact us for cable assemblies request

# AVLP 150 - 170 Navy



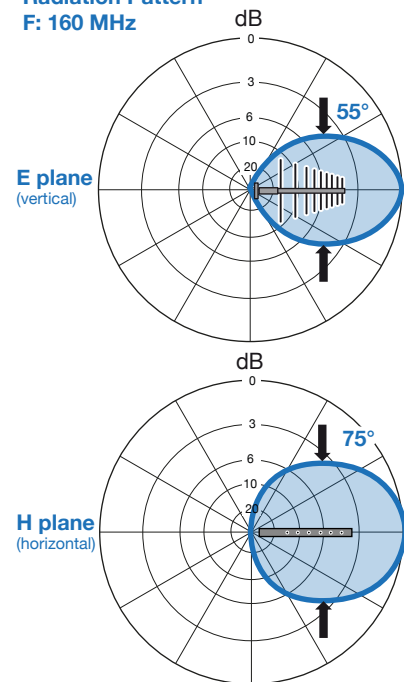
|                     |                                    |                      |                         |
|---------------------|------------------------------------|----------------------|-------------------------|
| Frequency range     | 150 to 170 MHz                     | Lenght               | 2 m                     |
| Impedance           | 50 $\Omega$                        | 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 <sup>2</sup>     |
| 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

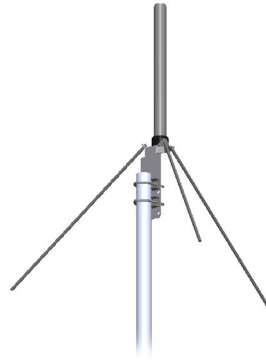


Return to Search by Part Number

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

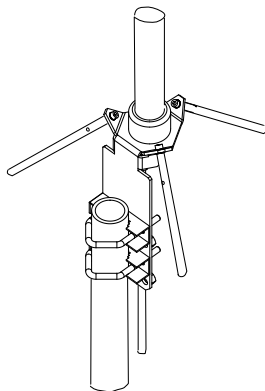
Contact us for cable assemblies request

# AVGP Lite 162-174 Emergency

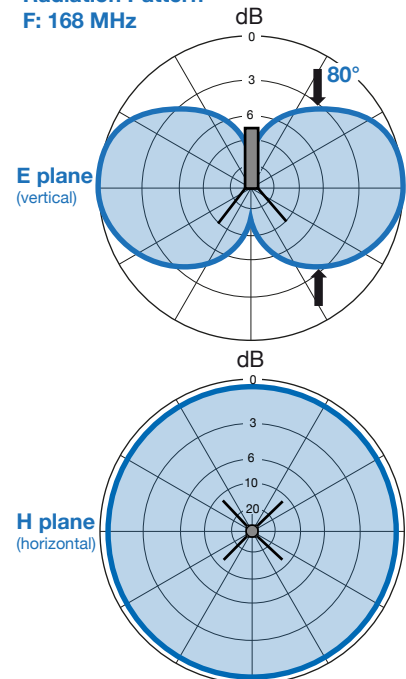


|                     |                      |                       |                          |
|---------------------|----------------------|-----------------------|--------------------------|
| Frequency range     | 162 to 174 MHz       | Height                | 0.70 m                   |
| Impedance           | 50 $\Omega$          | 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 <sup>2</sup>      |
| - E plane           | 80°                  | Wind speed resistance | 200 km/h                 |
| - H plane           | omni at $\pm 0.5$ 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 |

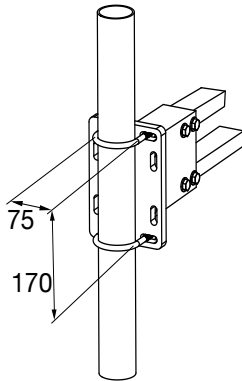
contact us for cable assemblies request

# AVLP 170 - 230 DAB



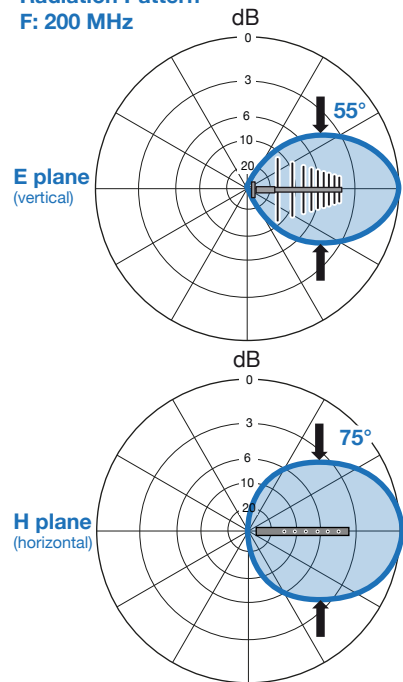
|                     |                            |                       |                         |
|---------------------|----------------------------|-----------------------|-------------------------|
| Frequency range     | 170 to 230 MHz             | Lenght                | 2 m                     |
| Impedance           | 50 $\Omega$                | 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 <sup>2</sup>     |
| 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 |

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# AVD 170-205 / 200-230 DAB

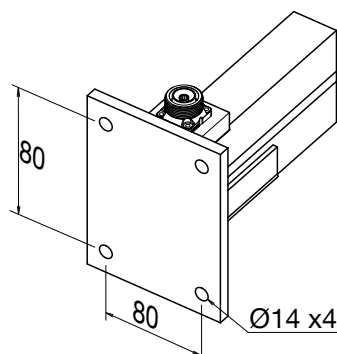


V-UHF Antennas



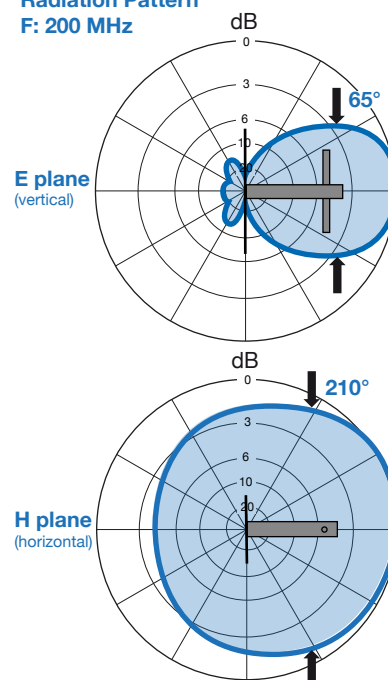
|                     |                                  |                       |                         |
|---------------------|----------------------------------|-----------------------|-------------------------|
| Frequency range     | 170 to 230 MHz<br>200 to 230 MHz | Height                | 0.70 m                  |
| Impedance           | 50 $\Omega$                      | 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 <sup>2</sup>     |
| 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)<br>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 |

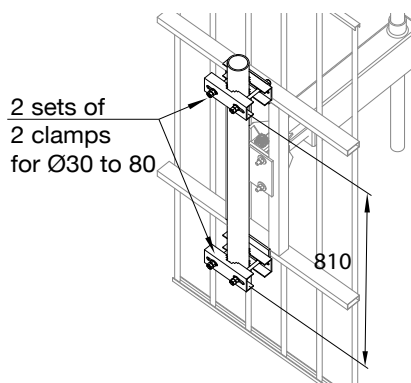
Contact us for cable assemblies request

# AVPAN 170-205 / 200-230 DAB



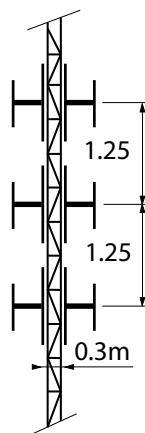
|                     |                 |                       |                             |
|---------------------|-----------------|-----------------------|-----------------------------|
| Frequency range     | 170 to 230 MHz  | Height                | 1.20 m                      |
|                     | 200 to 230 MHz  | Width                 | 0.48 m                      |
| Impedance           | 50 $\Omega$     | Materials             | Galvanized steel-Fiberglass |
| VSWR in the band    | < 1.5           | Weight                | 22 kg                       |
| Isotropic gain      | 6 dBi           | Wind loading area     | 0.20 m <sup>2</sup>         |
| 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

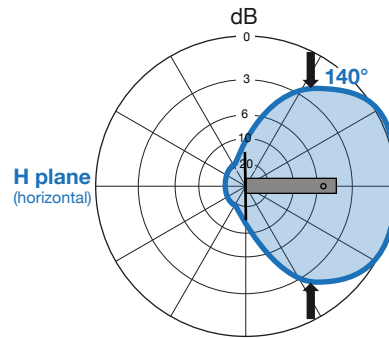
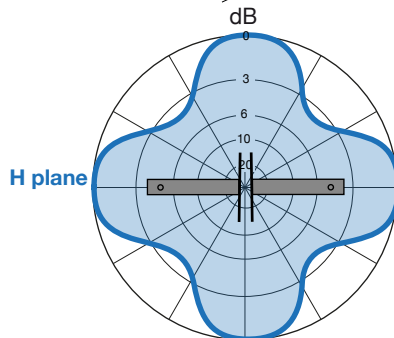
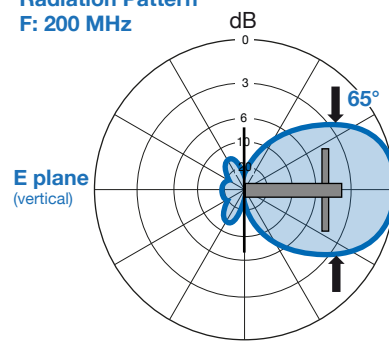


Dimensions in mm

| 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 |

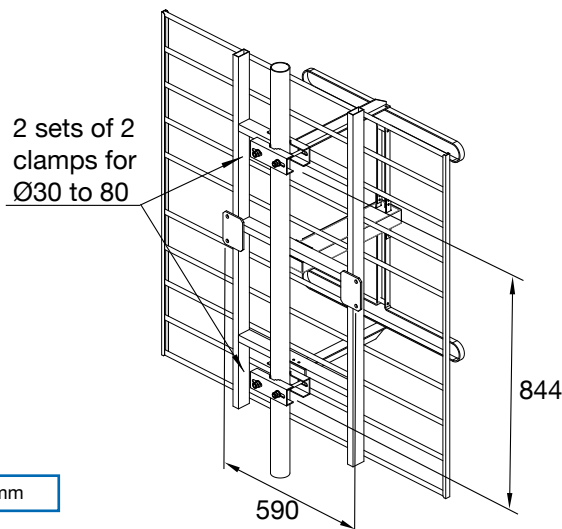
Contact us for cable assemblies request

# AVPAN BIII 170 - 230 DAB



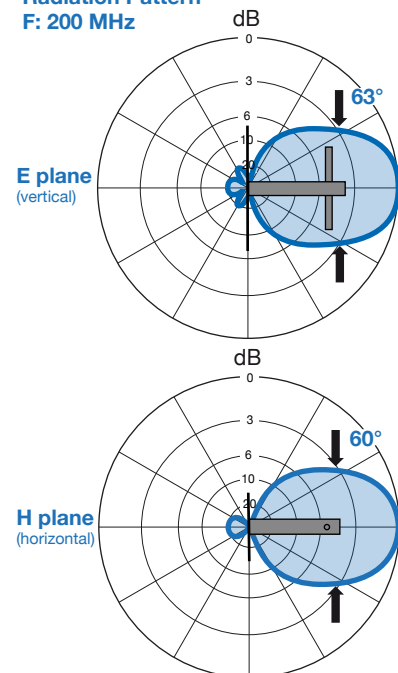
|                     |                    |                       |                         |
|---------------------|--------------------|-----------------------|-------------------------|
| Frequency range     | 170 to 230 MHz     | Height                | 1.30 m                  |
| Impedance           | 50 $\Omega$        | 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 <sup>2</sup>     |
| 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 |

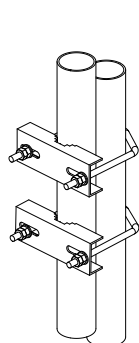
Contact us for cable assemblies request

# AVGP 170 - 240 DAB

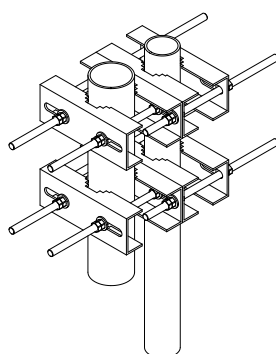


|                     |                      |                       |                         |
|---------------------|----------------------|-----------------------|-------------------------|
| Frequency range     | 170 to 240 MHz       | Height                | 0.63 m                  |
| Impedance           | 50 $\Omega$          | 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 <sup>2</sup>     |
| - E plan            | 100°                 | Windspeed resistance  | 230 km/h without frost  |
| - H plan            | omni at $\pm 0.5$ 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          |

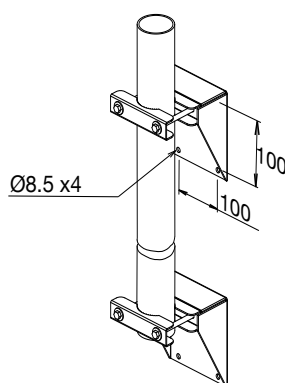
Safety : all metal parts are at equipotential and connected to ground



98-0206

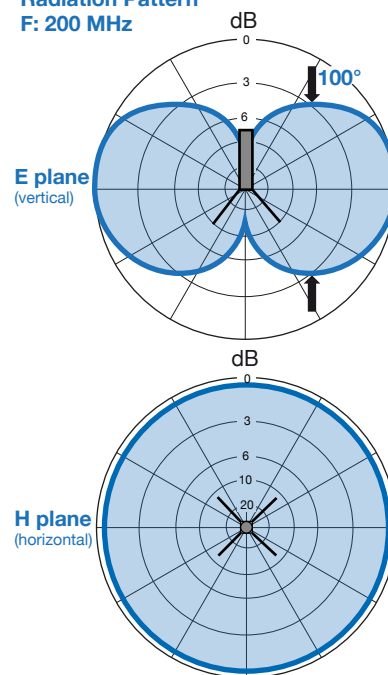


98-0207



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           |

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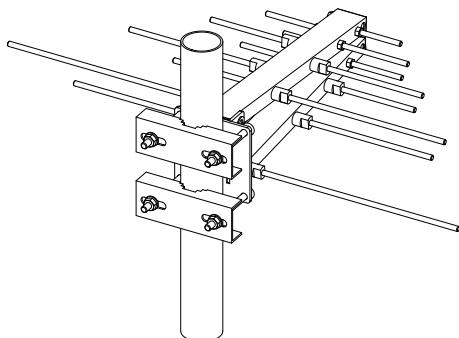
| P/N     | Mounting Hardware       |
|---------|-------------------------|
| 98-0206 | 2 clamps for Ø35 to 70  |
| 98-0207 | 2 clamps for Ø30 to 114 |
| 98-0208 | 2 shelter mount         |

# AVLP-R 170 - 240 DAB



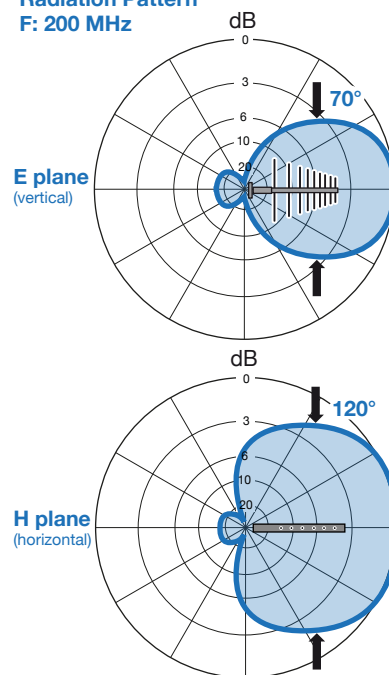
|                     |                       |                       |                        |
|---------------------|-----------------------|-----------------------|------------------------|
| Frequency range     | 170 to 240 MHz        | Lenght                | 1.05 m                 |
| Impedance           | 50 $\Omega$           | 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 <sup>2</sup>    |
| 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



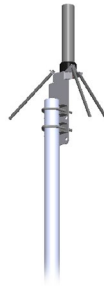
[Return to Search by Part Number](#)

| 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 |

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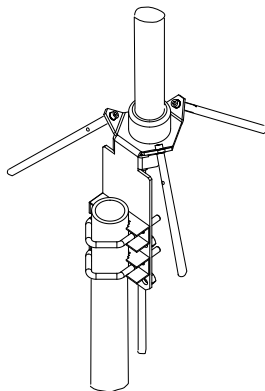
# AVGP Lite 370-470 Emergency



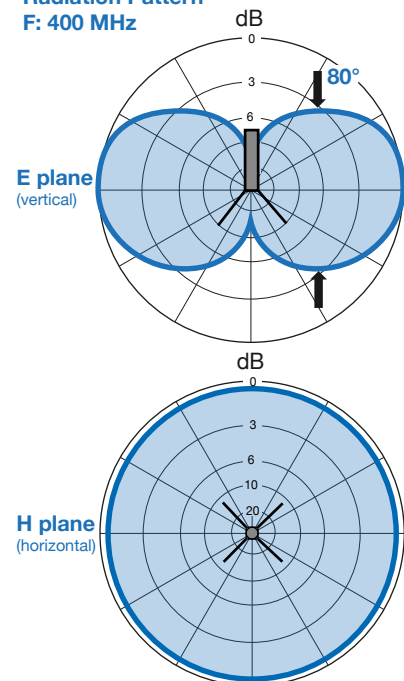
V-UHF Antennas

|                     |                                  |                       |                          |
|---------------------|----------------------------------|-----------------------|--------------------------|
| Frequency range     | 370 to 430 MHz<br>406 to 470 MHz | Height                | 0.41 m                   |
| Impedance           | 50 $\Omega$                      | 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 <sup>2</sup>     |
| - E plane           | 80°                              | Wind speed resistance | 200 km/h                 |
| - H plane           | omni at $\pm 0.5$ 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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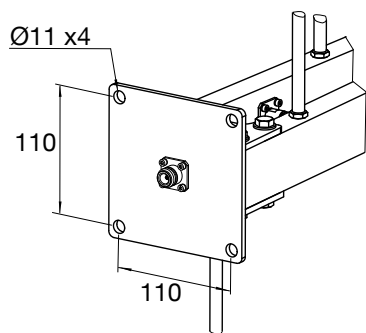
# AULP 400 - 1000



V-UHF Antennas

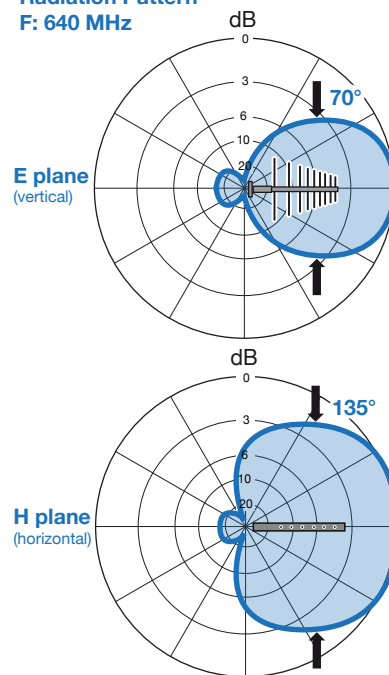
|                     |                       |                       |                        |
|---------------------|-----------------------|-----------------------|------------------------|
| Frequency range     | 400 to 1000 MHz       | Height                | 0.42 m                 |
| Impedance           | 50 $\Omega$           | 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

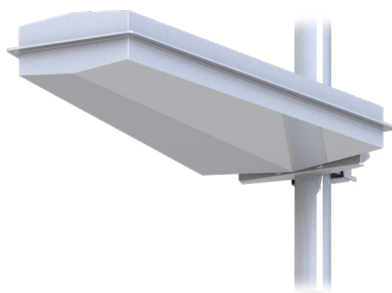


[Return to Search by Part Number](#)

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

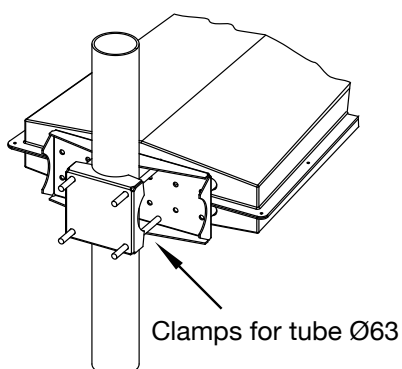
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# AULP 450 - 900 DVB



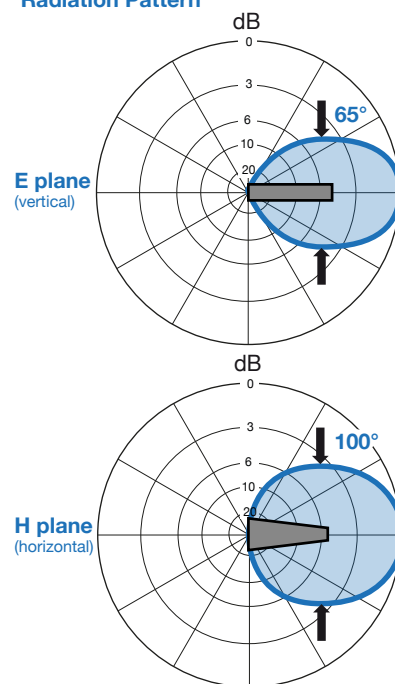
|                     |                       |                              |                                           |
|---------------------|-----------------------|------------------------------|-------------------------------------------|
| Frequency range     | 450 to 900 MHz        | Lenght                       | 1.30 m                                    |
| Impedance           | 50 $\Omega$           | 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 <sup>2</sup> - 0.15 m <sup>2</sup> |
| 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 |

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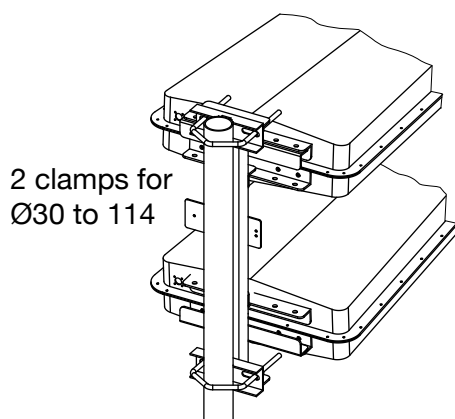
# AUBILOG 470 - 860 DVB



V-UHF Antennas

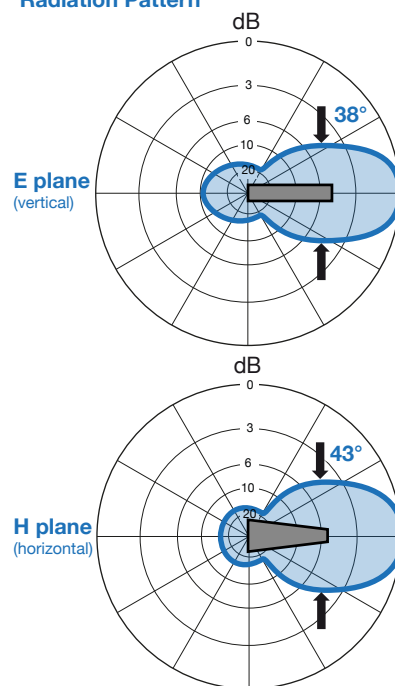
|                          |                 |                              |                                           |
|--------------------------|-----------------|------------------------------|-------------------------------------------|
| Frequency range          | 470 to 860 MHz  | Height                       | 500 mm                                    |
| Impedance                | 50 $\Omega$     | Length                       | 1900 mm                                   |
| VSWR in the band         | < 2.0           | Width                        | 450 mm                                    |
| Isotropic gain           | $\geq 13.5$ dBi | Materials                    | AGS – Fiberglass                          |
| Polarization             | Horizontal      | Weight                       | 20 kg                                     |
| 3dB Horizontal beamwidth | 43°             | Wind loading area front-side | 0.15 m <sup>2</sup> - 0.25 m <sup>2</sup> |
| 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



[Return to Search by Part Number](#)

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

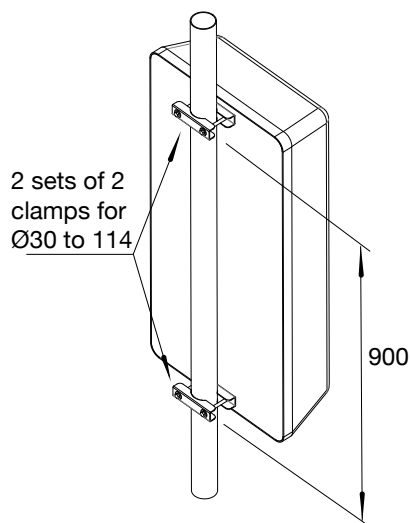
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# AUPAN 470 - 860 DVB



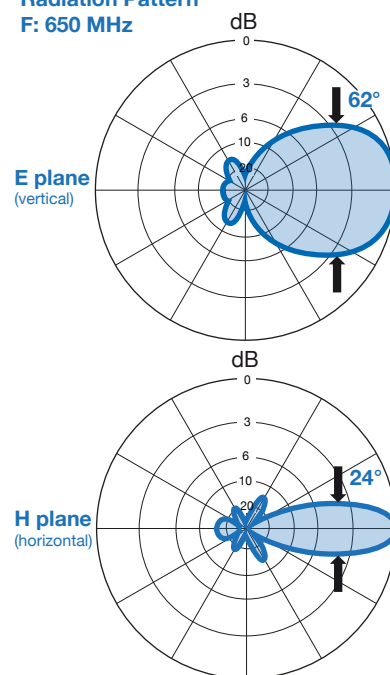
|                      |                        |                      |                        |
|----------------------|------------------------|----------------------|------------------------|
| Frequency range      | 470 to 865 MHz         | Height               | 970 mm                 |
| Impedance            | 50 $\Omega$            | Width                | 470 mm                 |
| VSWR in the band     | < 1.15                 | Materials            | AGS – Fiberglass       |
| Isotropic gain       | $\geq 13$ dBi          | Weight               | 16 kg                  |
| Polarization         | Vertical or Horizontal | Wind loading area    | 0.48 m <sup>2</sup>    |
| 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

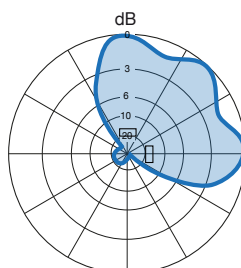
Radiation Pattern  
F: 650 MHz



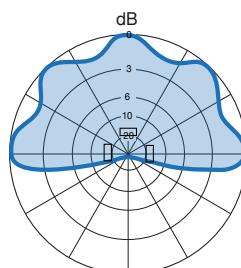
## Return to Search by Part Number

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

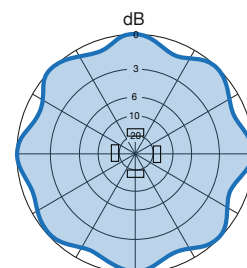
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2 AUPAN @ 90°



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  $\Omega$

VSWR in the band

< 1.15

Maximum input power

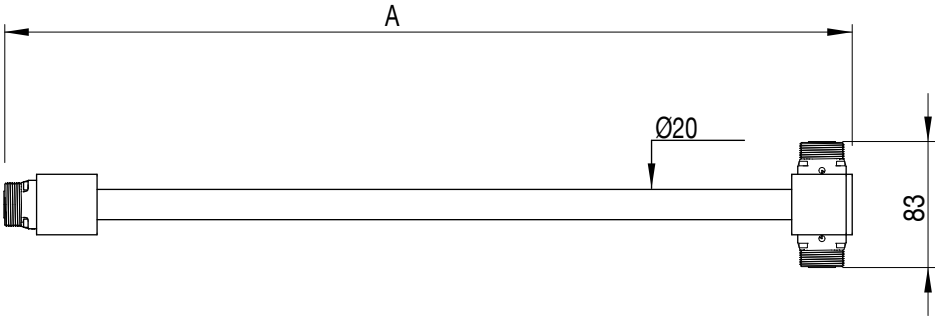
600 W to 2.4 kW

Temperature range

-40° to +70°C

Color

White RAL 9010



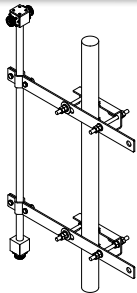
Dimensions in mm

[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

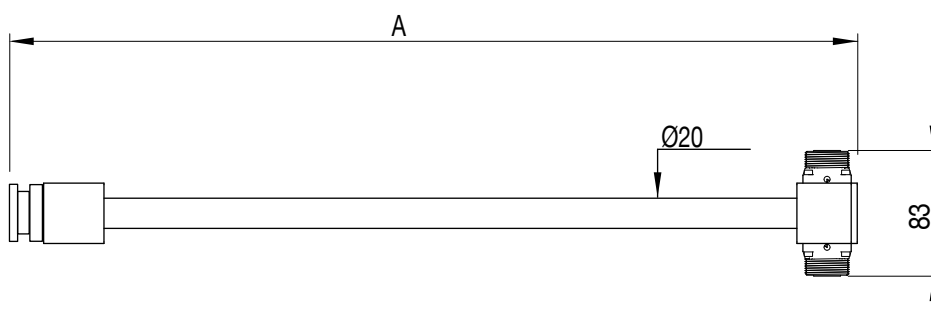


98-0114

# Power splitter BJ 170 - 230



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



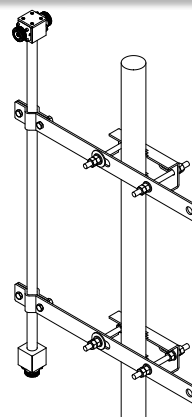
Dimensions in mm

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| 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



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Notes



V-UHF Antennas



