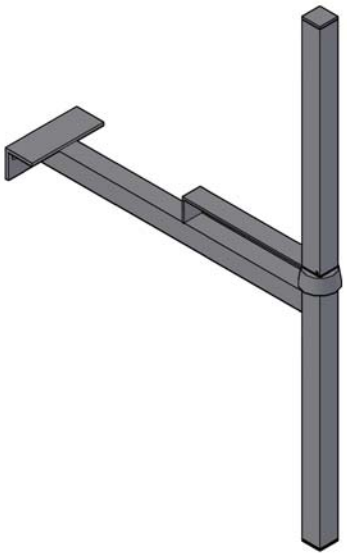
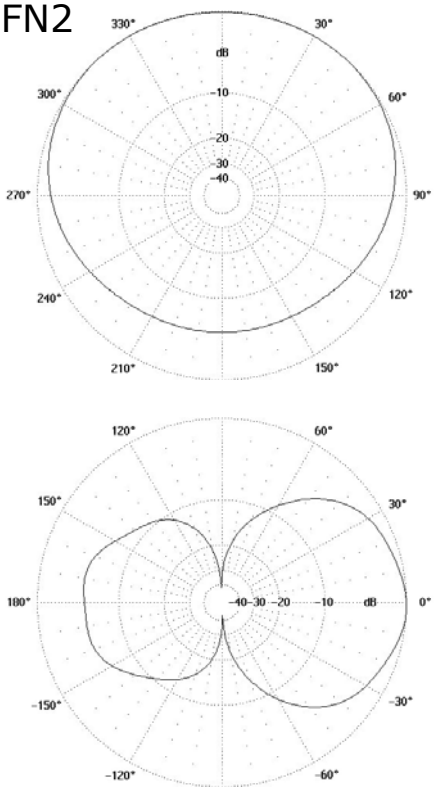
ATEX APPROVED LOW GAIN BASE STATION ANTENNA
AV1312-1A-EXnA-131FN2



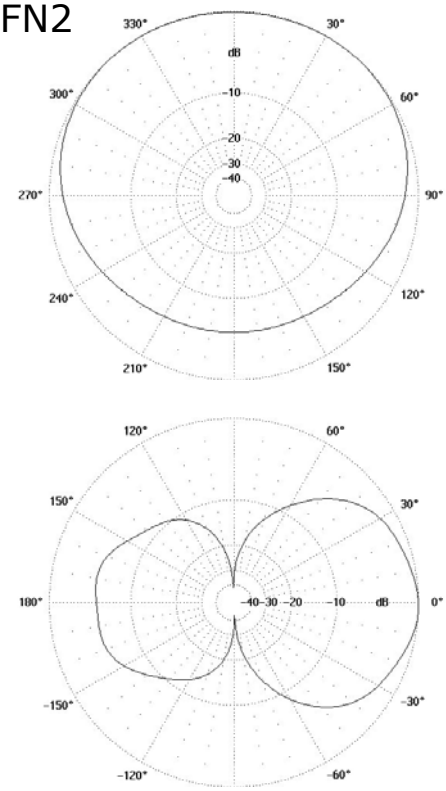


Type	AV1312-1A-EXnA-131FN2
Frequency	118…136 MHz / 118…144 MHz
Bandwidth	18 MHz / 26 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	2 dBi nominal in free space *) 4 dBi nominal at the top of a 60mm tube (L=4xdipole length) *) 4 dBi nominal at the side of a 60mm tube (L=4xdipole length) *) For other mounting configurations please contact Aerial Oy
E-plane 3 dB beamwidth	70°
H-plane 3 dB beamwidth	200°/depending on mounting *)
Electrical downtilt	None
Front to back ratio	6 dB/depending on mounting *)
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,10 m²
Dimensions (H x W x D) (∅ x H)	1021 x 160 x 661 mm
Weight	7,5 kg antenna only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED LOW GAIN BASE STATION ANTENNA
AV1312-2-EXnA-160FN2

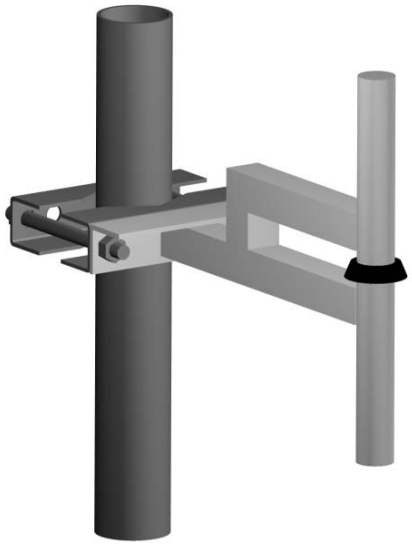


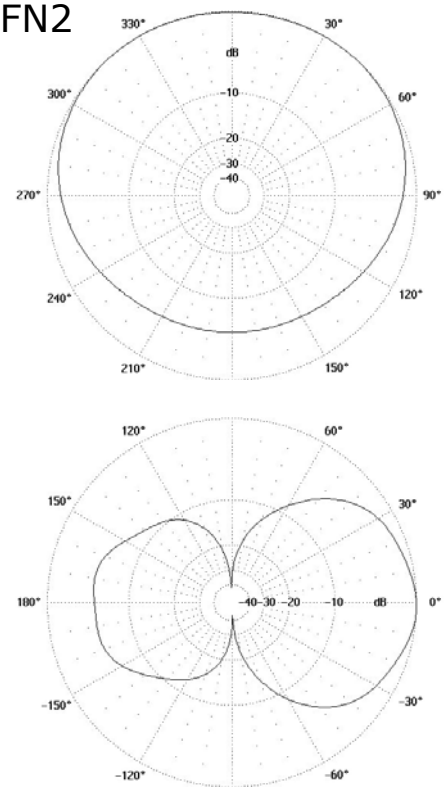
Type	AV1312-2-EXnA-160FN2
Frequency	146…174 MHz
Bandwidth	28 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	2 dBi nominal in free space *) 4 dBi nominal at the top of a 60mm tube (L=4xdipole length) *) 4 dBi nominal at the side of a 60mm tube (L=4xdipole length) *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	70°
H-plane 3 dB beamwidth	200°/depending on mounting *)
Electrical downtilt	None
Front to back ratio	6 dB/depending on mounting *)
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,11 m²
Dimensions (H x W x D) (∅ x H)	824 x 160 x 521 mm
Weight	7,7 kg antenna only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED LOW GAIN BASE STATION ANTENNA
AV1314-H-EXnA-440FN2



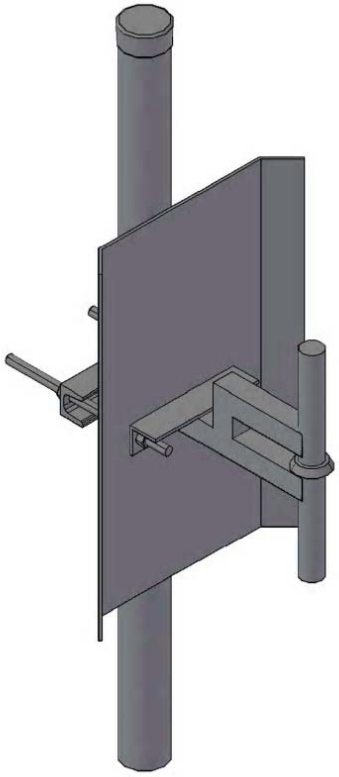


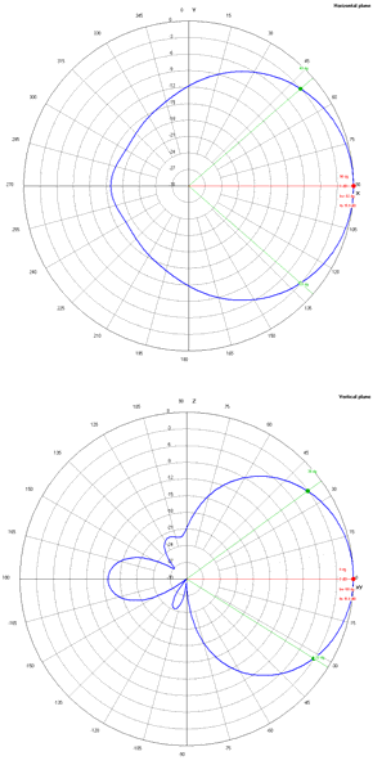
Type	AV1314-H-EXnA-440FN2
Frequency	380…470 MHz
Bandwidth	90 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	2 dBi nominal in free space *) 4 dBi nominal at the top of a 60mm tube (L=4xdipole length) *) 4 dBi nominal at the side of a 60mm tube (L=4xdipole length) *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	70°
H-plane 3 dB beamwidth	200°/depending on mounting *)
Electrical downtilt	None
Front to back ratio	6 dB/depending on mounting *)
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,03 m²
Dimensions (H x W x D) (∅ x H)	353 x 160 x 238 mm
Weight	2,4 kg antenna only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED LOW GAIN BASE STATION ANTENNA
AV1314-R-H-EXnA-440FN2



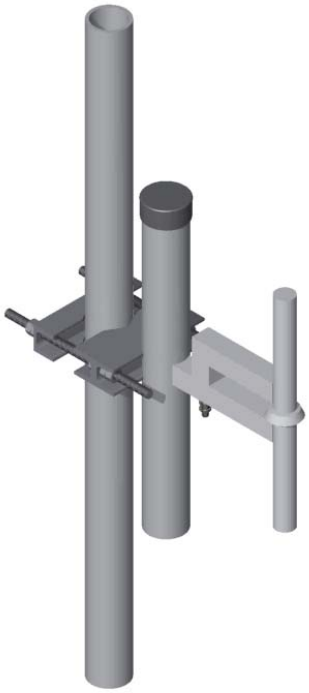


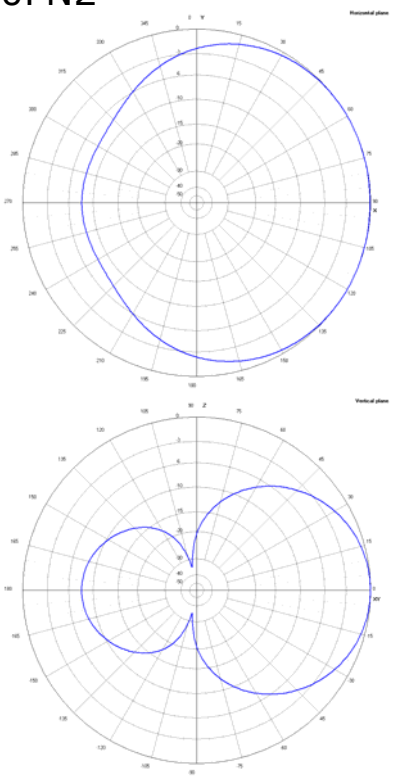
Type	AV1314-R-H-EXnA-440FN2
Frequency	380…470 MHz
Bandwidth	90 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	8 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	60°
H-plane 3 dB beamwidth	80°
Electrical downtilt	None
Front to back ratio	15 dB
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,32 m²
Dimensions (H x W x D) (∅ x H)	500 x 320 x 300 mm
Weight	10,7 kg antenna only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED LOW GAIN BASE STATION ANTENNA
AV1314-T-H-EXnA-440FN2



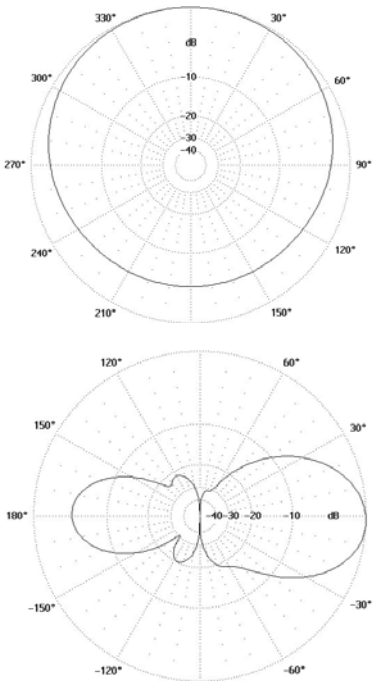


Type	AV1314-T-H-EXnA-440FN2
Frequency	380…470 MHz
Bandwidth	90 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	5 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	75°
H-plane 3 dB beamwidth	180°
Electrical downtilt	None
Front to back ratio	8 dB
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,07 m²
Dimensions (H x W x D) (∅ x H)	500 x 160 x 350 mm
Weight	4,2 kg antenna only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED MEDIUM GAIN BASE STATION ANTENNA
AV1430-EXnA-131FN2

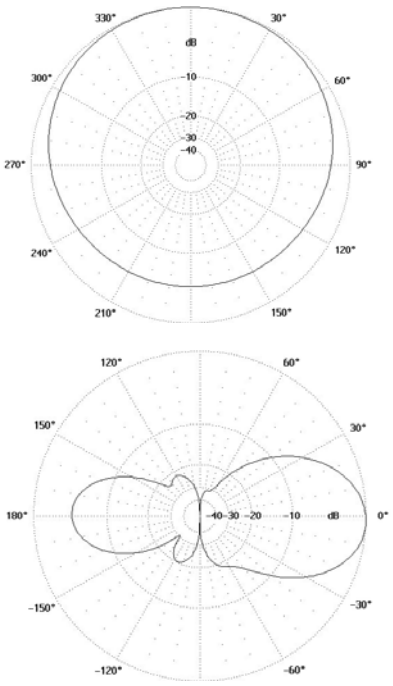


Type	AV1430-EXnA-131FN2
Frequency	118…136 / 118…144 MHz
Bandwidth	18 MHz / 26 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	7 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	40°
H-plane 3 dB beamwidth	180°
Electrical downtilt	None
Front to back ratio	6 dB
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,45 m²
Dimensions (H x W x D) (∅ x H)	2900 x 440 x 60 mm
Weight	21,6 kg antenna only, add 3 kg for standard mounting kit AETM160-4-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED MEDIUM GAIN BASE STATION ANTENNA
AV1431-EXnA-160FN2

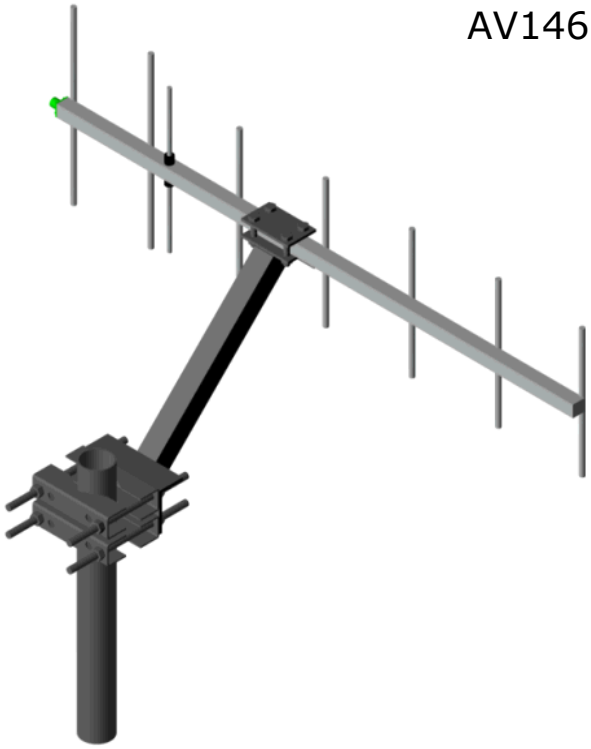


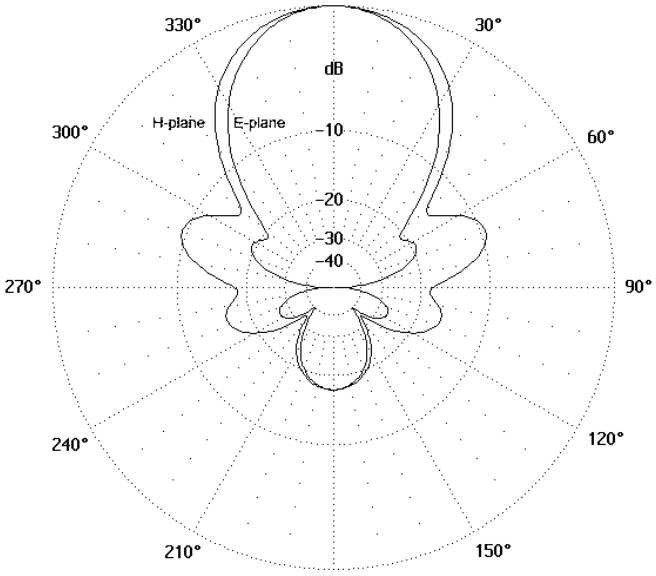
Type	AV1431-EXnA-160FN2
Frequency	146…174 MHz
Bandwidth	28 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	7 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	40°
H-plane 3 dB beamwidth	180°
Electrical downtilt	None
Front to back ratio	6 dB
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,45 m²
Dimensions (H x W x D) (∅ x H)	3000 x 400 x 60 mm
Weight	20,2 kg antenna only, add 3 kg for standard mounting kit AETM160-4-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED YAGI ANTENNA
AV1468-EXnA-...FN2



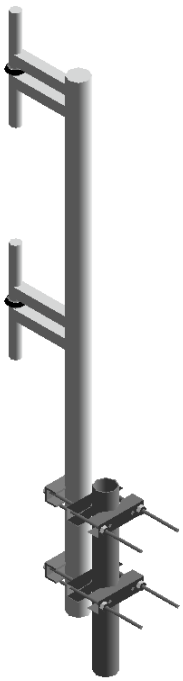


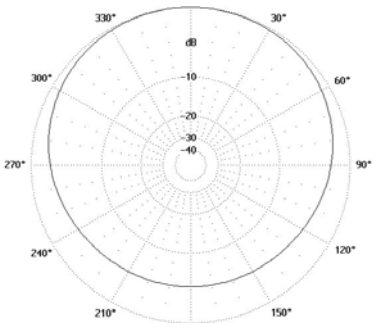
Type	AV1468-EXnA-...FN2
Frequency	AV1468-390 : 380...400 MHz AV1468-420 : 400…440 MHz AV1468-460 : 440...480 MHz
Bandwidth	AV1468-390 : 20 MHz AV1468-420 : 40 MHz AV1468-460 : 40 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Horisontal or Vertical
Gain	10 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	44°
H-plane 3 dB beamwidth	56°
Electrical downtilt	None
Front to back ratio	15 dB
Max. Continuous power	250W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,1 m²
Dimensions (H x W x D) (∅ x H)	360 x 45 x 1120mm antenna only, with outrigger 550 x 365 x 1120mm
Weight	4,8 kg antenna only, add 3,5 kg for standard mounting kit AETM160-6-A2 and outrigger
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

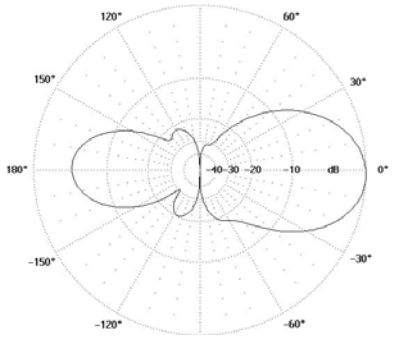
*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED MEDIUM GAIN BASE STATION ANTENNA
AV1915-H-EXnA-440FN2





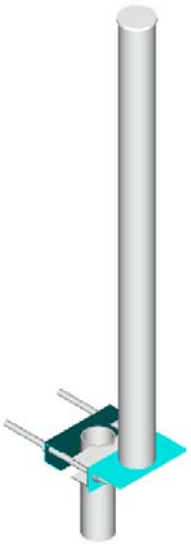


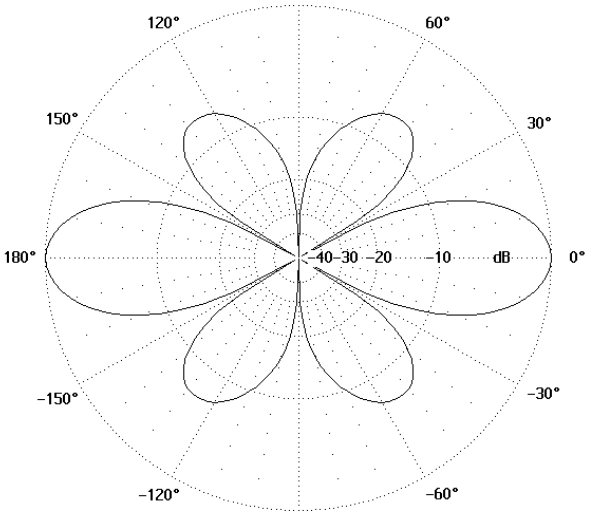
Type	AV1915-H-EXnA-440FN2
Frequency	350…470 MHz
Bandwidth	120 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	7 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	30°
H-plane 3 dB beamwidth	180°
Electrical downtilt	None
Front to back ratio	6 dB
Max. Continuous power	500W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,4 m²
Dimensions (H x W x D) (∅ x H)	1450 x 200 x 60 mm
Weight	15,6 kg antenna only, add 3 kg for standard mounting kit AETM160-4-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED MEDIUM GAIN BASE STATION ANTENNA
AV1916-EXnA-915FN2



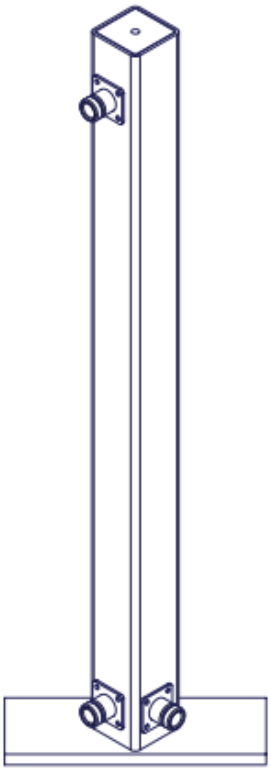


Type	AV1916-EXnA-915FN2
Frequency	870…960 MHz
Bandwidth	90 MHz
Impedance	50 Ω DC grounded
VSWR	1,5 typical
Polarisation	Vertical
Gain	6 dBi nominal in free space *) For other mounting configurations please contact Aerial Oy.
E-plane 3 dB beamwidth	26°
H-plane 3 dB beamwidth	-°
Electrical downtilt	None
Front to back ratio	- dB
Max. Continuous power	250W, limited by input connector *)
RF-connector	N-female on a 1000mm fixed jumper
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,1 m²
Dimensions (H x W x D) (∅ x H)	970 x 160 x 80 mm
Weight	5,2 kg antenna only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED POWER DIVIDER
TR2401-EXnA-160FN1

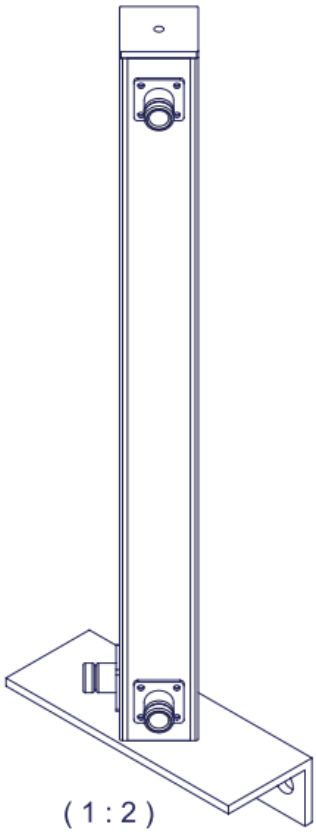


Type	TR2401-EXnA-160FN1
Frequency	146…174 MHz
Bandwidth	28 MHz
Impedance	50 Ω
VSWR	1,1 typical
Split/type	1:2 even
Insertion loss	0,1 dB typical
Max. Continuous power	500W, limited by input connector *)
Input RF-connector	1xN-female panel-type
Output RF-connector	2xN-female panel-type
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,05 m²
Dimensions (H x W x D) (∅ x H)	560 x 160 x 60 mm
Weight	3,1 kg divider only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED POWER DIVIDER
TR1:2-150-470-EXnA-FN1
(TR2481-EXnA-310FN1)

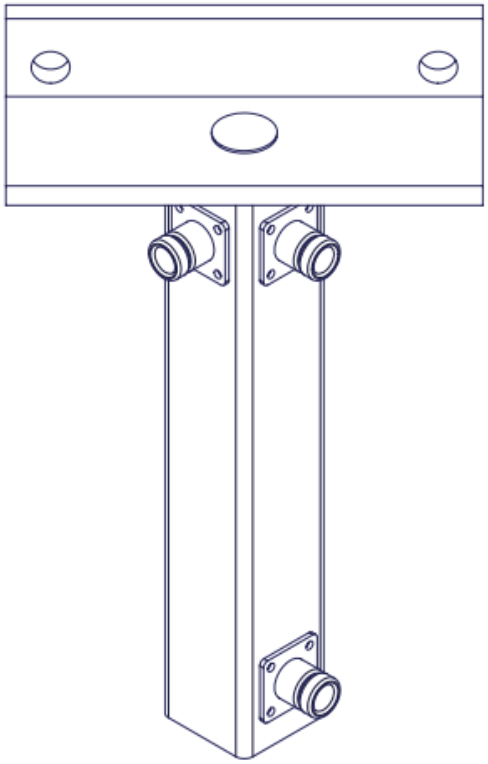


Type	TR1:2-150-470-EXnA-FN1
Frequency	150…470 MHz
Bandwidth	320 MHz
Impedance	50 Ω
VSWR	1,2 typical
Split/type	1:2 even
Insertion loss	0,1 dB typical
Max. Continuous power	500W, limited by input connector *)
Input RF-connector	1xN-female panel-type
Output RF-connector	2xN-female panel-type
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,04 m²
Dimensions (H x W x D) (∅ x H)	470 x 160 x 60 mm
Weight	2,7 kg divider only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED POWER DIVIDER
TR4501-EXnA-405FN1

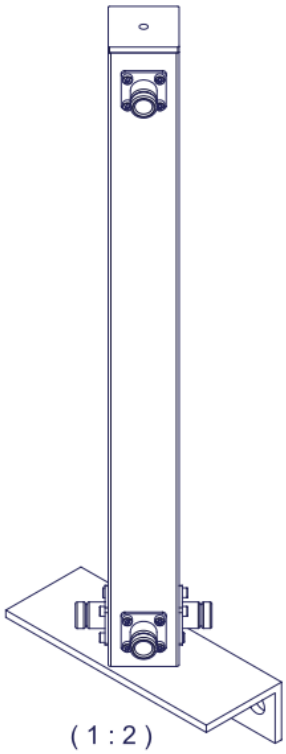


Type	TR4501-EXnA-405FN1
Frequency	340…470 MHz
Bandwidth	130 MHz
Impedance	50 Ω
VSWR	1,1 typical
Split/type	1:4 even
Insertion loss	0,1 dB typical
Max. Continuous power	500W, limited by input connector *)
Input RF-connector	1xN-female panel-type
Output RF-connector	4xN-female panel-type
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,03 m²
Dimensions (H x W x D) (∅ x H)	270 x 160 x 60 mm
Weight	1,8 kg divider only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED POWER DIVIDER
TR1:4-150-470-EXnA-FN1
(TR4481-EXnA-310FN1)

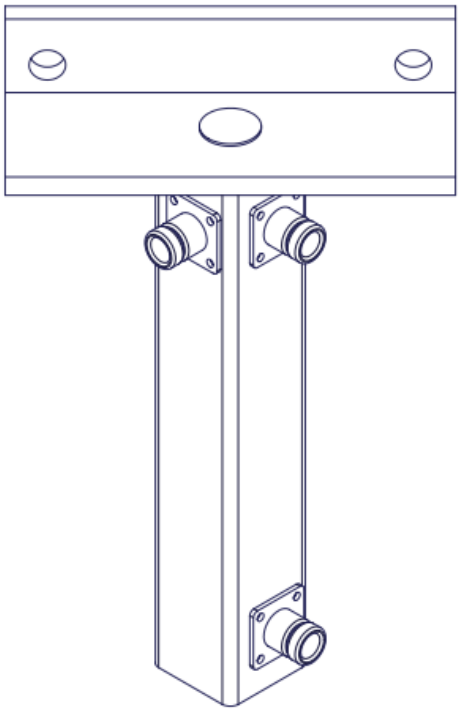


Type	TR1:4-150-470-EXnA-FN1
Frequency	150…470 MHz
Bandwidth	320 MHz
Impedance	50 Ω
VSWR	1,2 typical
Split/type	1:4 even
Insertion loss	0,1 dB typical
Max. Continuous power	500W, limited by input connector *)
Input RF-connector	1xN-female panel-type
Output RF-connector	4xN-female panel-type
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,04 m²
Dimensions (H x W x D) (∅ x H)	470 x 160 x 60 mm
Weight	2,8 kg divider only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi

ATEX APPROVED POWER DIVIDER
TR2501-EXnA-405FN1



Type	TR2501-EXnA-405FN1
Frequency	340…470 MHz
Bandwidth	130 MHz
Impedance	50 Ω
VSWR	1,1 typical
Split/type	1:2 even
Insertion loss	0,1 dB typical
Max. Continuous power	500W, limited by input connector *)
Input RF-connector	1xN-female panel-type
Output RF-connector	2xN-female panel-type
Operational windspeed	40 m/s (default)
Survival windspeed	55 m/s (default)
Effective wind area (A_{eff})	0,03 m²
Dimensions (H x W x D) (∅ x H)	270 x 160 x 60 mm
Weight	1,7 kg divider only, add 2 kg for standard mounting kit AETM160-6-A2
Mounting diameter	∅ 30…115 mm pipe standard mounting kit AETM160-6-A2
Materials	AISI304 AISI316 Glass reinforced PE
Options	Mounting kit and colour
Atex marking	Ex II 3G, Ex nA IIA/IIB/IIC T6 Gc
Ambient temperature	-45 °C ≤ Tamb ≤ +60 °C (Class T6)

*) Limited and/or controlled when used in ATEX-environment. See related EC DECLARATION OF CONFORMITY ATEX Directive 94/9/EC, TYPE EXAMINATION CERTIFICATE, installation instruction and their attachments for more details, information and before installation and assembly.

Aerial Oy
Box 22
04401 Järvenpää
Finland
Tel. +358 9 2790 120
Fax +358 9 2910 210
http://www.aerial.fi
aerial@aerial.fi