

Scan— Antenna®

QUALITY MATTERS



BASE STATION

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BC4-1G

66-88 MHz

Omni-Directional Base Station Antenna

Frequency	66-88 MHz
Power	150W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	0 dBd (2,15 dBi)
Connector	N (female)



BC3-1G

88-108 MHz

Omni-Directional Base Station Antenna

Frequency	88-108 MHz
Power	150W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	0 dBd (2,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BC4-1GL	66-78	0 (2,15)	3200	BC4-1GL
BC4-1GM	72-82	0 (2,15)	3200	BC4-1GM
BC4-1GH	76-88	0 (2,15)	3200	BC4-1GH
BC3-1G	88-108	0 (2,15)	3200	BC3-1G

**BC2-1G***118–200 MHz*

Omni-Directional Base Station Antenna

Frequency	118–200 MHz
Power	150W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30–60 mm mast tube.
Gain	0 dBd (2,15 dBi)
Connector	N (female)

**BC2-3G***136–174 MHz*

Omni-Directional Base Station Antenna

Frequency	118–174 MHz
Power	150W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30–60 mm mast tube.
Gain	3 dBd (5,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BC2-1GL	118–136	0 (2,15)	3200	BC2-1GL
BC2-1GM	130–144	0 (2,15)	3200	BC2-1GM
BC2-1GH	144–174	0 (2,15)	3200	BC2-1GH
BC2-1GHH	174–200	0 (2,15)	3200	BC2-1GHH
BC2-3GL	118–136	3 (5,15)	3200	BC2-3GL
BC2-3G	136–174 (BW 6–7 MHz)	3 (3,15)	3200	BC2-3G



BC2- 45G

138-240 MHz

Omni-Directional Base Station Antenna

Frequency	138-240 MHz
Power	150 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	4,5 dBd (6,6 dBi)
Connector	N (female)



BASE001

88-108 MHz

Omni-Directional Base Station Antenna

Frequency	118-225 MHz
Power	150 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	0 dBd (2,15 dB)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BC2-45-G	138-240 (BW 10 MHz)	4,5 (6,6)	3200	BC2-45-G
BASE001-A-in Carton tube	118-137	0 (2,15)	1500	22010-004A
BASE001-B-in Carton tube	128-144	0 (2,15)	1400	22010-004B
BASE001-C-in Carton tube	144-163	0 (2,15)	1400	22010-004C
BASE001-D-in Carton tube	154-174	0 (2,15)	1400	22010-004D
BASE001-E-in Carton tube	218-225	0 (2,15)	940	22010-004E
BASE001-X-in Carton tube	118-174	0 (2,15)	1500	*22010-004X

**BASE301***118–174 MHz*

Omni-Directional Base Station Antenna

Frequency	118–174 MHz
Power	150 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30–60 mm mast tube.
Gain	3 dBd (5,15 dB)
Connector	N (female)

**HPBASE01***112–178 MHz*

Unity Gain Omni-Directional

Frequency	112–178 MHz
Power	500 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included.
Gain	0 dBd (2,15 dB)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BASE301-A -in Carton tube	118–124	0 (2,15)	3500	22310-004A
BASE301-B -in Carton tube	124–130	0 (2,15)	3500	22310-004B
BASE301-C -in Carton tube	130–136	0 (2,15)	3100	22310-004C
BASE301-D -in Carton tube	136–142	0 (2,15)	3100	22310-004D
BASE301-E -in Carton tube	142–149	0 (2,15)	3100	22310-004E
BASE301-F -in Carton tube	149–156	0 (2,15)	2700	22310-004F
BASE301-G -in Carton tube	156–163	0 (2,15)	2700	22310-004G
HPBASE01-A -in Carton tube	112–129	0 (2,15)	1855	25001-012A
HPBASE01-B -in Carton tube	118–137	0 (2,15)	1518	25001-012B
HPBASE01-C -in Carton tube	133–151	0 (2,15)	17575	25001-012C
HPBASE01-D -in Carton tube	144–170	0 (2,15)	1445	25001-012D
HPBASE01-E -in Carton tube	153–178	0 (2,15)	1425	25001-012E



BASE004

330–512 MHz
UHF Omni-Base Station
Antennas

Frequency	330–471 MHz
Power	300 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30–60 mm mast tube.
Gain	0 dBd (2,15 dB)
Connector	N (female)



BASE304

330–512 MHz
UHF Omni-Base Station
Antennas

Frequency	380–512 MHz
Power	300 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30–60 mm mast tube.
Gain	3 dBd (5,15 dB)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BASE004-G -in Carton tube	330–360	0 (2,15)	1190	23004-004G
BASE004-F -in Carton tube	380–400	0 (2,15)	1190	23004-004F
BASE004-A -in Carton tube	406–426	0 (2,15)	1190	23004-004A
BASE004-B -in Carton tube	420–440	0 (2,15)	900	23004-004B
BASE004-C -in Carton tube	430–450	0 (2,15)	900	23004-004C
BASE004-D -in Carton tube	449–471	0 (2,15)	900	23004-004D



BASE504

380-470 MHz

UHF Omni-Base Station
Antennas

Frequency	380-470 MHz
Power	250 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	5 dBd (7,15 dB)
Connector	N (female)

UHF
OMNI

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BASE304-A -in Carton tube	380-400	3 (5,15)	1600	23304-004A
BASE304-B -in Carton tube	406-430	3 (5,15)	1500	23304-004B
BASE304-C -in Carton tube	410-430	3 (5,15)	1500	23304-004C
BASE304-D -in Carton tube	417-450	3 (5,15)	1500	23304-004D
BASE304-E -in Carton tube	434-450	3 (5,15)	1400	23304-004E
BASE304-F -in Carton tube	440-470	3 (5,15)	1400	23304-004F
BASE304-G -in Carton tube	467-485	3 (5,15)	1400	23304-004G
BASE304-H -in Carton tube	485-503	3 (5,15)	1360	23304-004H
BASE304-X -in Carton tube	406-512	3 (5,15)	1600	*23304-004X
BASE504-A -in Carton tube	380-410	5 (7,15)	2250	23504-004A
BASE504-B -in Carton tube	400-430	5 (7,15)	2250	23504-004B
BASE504-C -in Carton tube	420-450	5 (7,15)	2250	23504-004C
BASE504-D -in Carton tube	440-470	5 (7,15)	2250	23504-004D

* For X version: Approx. 5 % of the specified Centre Freq (CF)



HPBASE004

380–530 MHz
Unity Gain Omni-Directional

Frequency	380–530 MHz
Power	500 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included.
Gain	0 dBd (2,15 dBi)
Connector	N (female)



BC390-1G HD

380–512 MHz
Omni-Directional Base
Station Antenna TETRA

Frequency	380–512 MHz
Power	300 W
Mounting Type	27 – 60 mm mast tube
Gain	0 dBd (2,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
HPBASE004-A-in Carton tube	380-445	0 (2,15)	1032	26004-012A
HPBASE004-B-in Carton tube	399-476	0 (2,15)	1005	26004-012B
HPBASE004-C-in Carton tube	430-530	0 (2,15)	947	26004-012C
BC390-1G HD-L	380-460	0 (2,15)	900	
BC390-1G HD-H	450-512	0 (2,15)	900	

**BC390-3G HD****380-512 MHz**Omni-Directional Base Station
Antenna TETRA

Frequency	380-512 MHz
Power	300 W
Mounting Type	27 - 60 mm mast tube
Gain	3 dBd (5,15 dBi)
Connector	N (female)

**BC390-6G HD****380-512 MHz**Omni-Directional Base Station
Antenna TETRA

Frequency	380-512 MHz
Power	300 W
Mounting Type	27 - 60 mm mast tube
Gain	6 dBd (8,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BC390-3GHD	Factory-adjusted (BW 20 MHz)	3 (5,15)		BCXXX-3GHD
BC390-6GHD	Factory-adjusted (BW 20 MHz)	6 (8,15)		BCXXX-6GHD



UHF004

330–510 MHz

UHF Omni-Base Station Antenna

Frequency	330–510 MHz
Power	200 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30–60 mm mast tube.
Gain	0 dBd (2,15 dBi)
Connector	N (female)



UHF044

330–512 MHz

UHF Omni-Base Station Antenna
(G1)

Frequency	330–512 MHz
Power	200 W
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Gain	0 dBd (2,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
UHF004-A	330–380	0 (2,15)	640	23005-004A
UHF004-B	380–430	0 (2,15)	640	23005-004B
UHF004-C	420–470	0 (2,15)	640	23005-004C
UHF004-D	460–510	0 (2,15)	640	23005-004D
UHF44-A	330–380	0 (2,15)	640	14044-004A
UHF44-B	380–430	0 (2,15)	640	14044-004B
UHF44-C	420–470	0 (2,15)	640	14044-004C
UHF44-D	460–510	0 (2,15)	640	14044-004D

**UHF43****330–510 MHz**UHF Omni-Base Station
Antenna

Frequency	330–510 MHz
Power	250 W
Mounting Type	On 1" threaded pole or bracket (G1"–11 thread) with the supplied fixed Revolving Nut
Gain	0 dBd (2,15 dBi)
Connector	N (female)

**UHF46****330–510 MHz**UHF 3 dBd gain Omni-
Antenna

Frequency	330–510 MHz
Power	250 W
Mounting Type	On 1" threaded pole or bracket (G1"–11 thread) with the supplied fixed Revolving Nut
Gain	3 dBd (5,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
UHF43-A-in Carton tube	380–400	0 (2,15)	1145	14043-002A
UHF43-B-in Carton tube	406–430	0 (2,15)	1145	14043-002B
UHF43-C-in Carton tube	425–450	0 (2,15)	855	14043-002C
UHF43-D-in Carton tube	445–470	0 (2,15)	855	14043-002D
UHF43-E-in Carton tube	330–340	0 (2,15)	1145	14043-002E
UHF43-X-in Carton tube	396–512	0 (2,15)	1145	14043-002X
UHF46-A-in Carton tube	380–400	3 (5,15)	1540	14046-002A
UHF46-B-in Carton tube	410–430	3 (5,15)	1440	14046-002B
UHF46-C-in Carton tube	430–500	3 (5,15)	1440	14046-002C
UHF46-D-in Carton tube	450–470	3 (5,15)	1340	14046-002D
UHF46-X-in Carton tube	380–512	3 (5,15)	1540	14046-002X



UHF49

330–510 MHz

UHF broad Unity gain Omni-Antenna

Frequency	330–510 MHz
Power	250 W
Mounting Type	On 1" threaded pole or bracket (G1"–11 thread) with the supplied fixed Revolving Nut
Gain	5 dBd (7,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
UHF49-A - in Carton Tube	380–410	5 (7,15)	640	23005-002A
UHF49-B - in Carton Tube	400–430	5 (7,15)	640	23005-002B
UHF49-C - in Carton Tube	420–450	5 (7,15)	640	23005-002C
UHF49-D - in Carton Tube	440–470	5 (7,15)	640	23005-002D





BC70-1G

380-475 MHz

UHF Omni-Base Station Antenna

Frequency	380-475 MHz
Power	150 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	0 dBd (2,15 dBi)
Connector	N (female)



BC70-3G

380-512 MHz

UHF 3 dBd gain Omni-Antenna

Frequency	380-512 MHz
Power	150 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	3 dBd (5,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BC70-1GT	380-430	0 (2,15)	800	BC70-1GT
BC70-1G	400-475	0 (2,15)	850	BC70-1G
BC70-1GH	500-600	0 (2,15)	850	BC70-1GH
BC70-3G	380-512 (BW 10 MHz)	3 (5,15)	1700	BC70-3G



BC70-5G

380-512 MHz

UHF 5 dBd gain Omni-Antenna

Frequency	380-512 MHz
Power	150 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	5 dBd (7,15 dBi)
Connector	N (female)



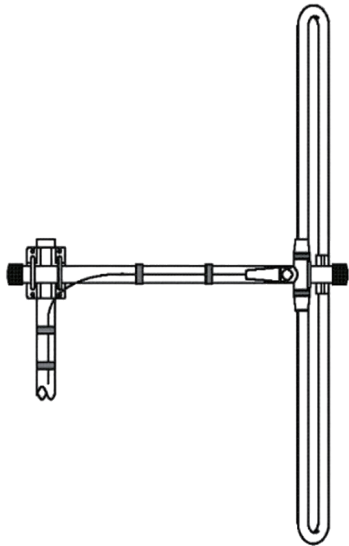
BC70-7G

380-512 MHz

UHF 7 dBd gain Omni-Antenna

Frequency	380-512 MHz
Power	150 W
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. Ø 30-60 mm mast tube.
Gain	7 dBd (9,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BC70-5G	380-512 (BW 10 MHz)	5 (7,15)	2950	BC70-3G
BC70-7G	380-512 (BW 10 MHz)	7 (9,15)	4200	BC70-7G



BD4-1G

66-88 MHz

Center Fed VHF Dipole Antenna

Frequency	66-88 MHz
Power	150 W
Mounting Type	27 - 50 mm mast tube
Gain	0 dBd (2,15 dBi), 3 (5,15dBi)
Connector	N (female)



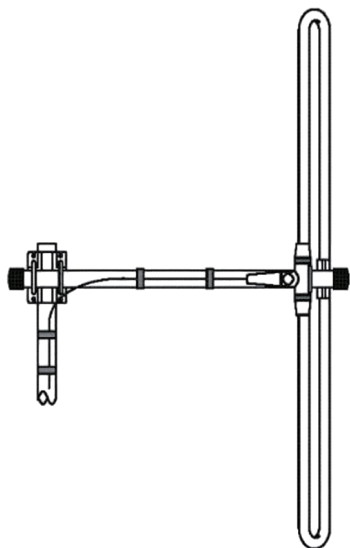
BD4-3G

66-88 MHz

VHF stacked Dipole Antenna

Frequency	118-174 MHz
Power	150 W
Mounting Type	27 - 60 mm mast tube
Gain	0 dBd (2,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BD4-1G-L	66-77	0 (2,15)	L: 1900	28000-003L
BD4-1G-H	77-88	0 (2,15)	L: 1800	28000-003H
BD4-3G-L	66-77	3 (5,15)	Stacked	28300-003L
BD4-3G-H	77-88	3 (5,15)	Stacked	28300-003H

**BD2-1G***118-174 MHz*

Stacked Center Fed VHF Dipole Antenna

Frequency	118-174 MHz
Power	150 W
Mounting Type	27 - 50 mm mast tube
Gain	0 dBd (2,15 dBi)
Connector	N (female)

**BD2-3G***66-88 MHz*

VHF stacked Dipole Antenna

Frequency	118-174 MHz
Power	150 W
Mounting Type	27 - 60 mm mast tube
Gain	0 dBd (2,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BD2-1GAIR	118-138	0 (2,15)		28001-003AIR
BD2-1G-L	136-158	0 (2,15)		28001-003L
BD2-1G-H	150-184	0 (2,15)		28001-003H
BD2-3GAIR	118-137	3 (5,15)		28301-003AIR
BD2-3G-H	144-174	3 (5,15)		28301-003H



BD2-6G

118-174 MHz

Stacked Center Fed VHF
Dipole Antenna

Frequency	118-174 MHz
Power	150 W
Mounting Type	27 - 50 mm mast tube
Gain	6 dBd (8,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BD2-6GAIR	118-137	6 (8,15)		28601-003AIR
BD2-6G-H	144-174	6 (8,15)		28601-003H





BD70-1G

375-512 MHz

Center Fed UHF Dipole Antenna

Frequency	375-512 MHz
Power	150 W
Mounting Type	27 - 50 mm mast tube
Gain	5 dBd (7,15 dBi)
Connector	N (female)



BD70-3G

136-174 MHz

Stacked Center Fed VHF Dipole Antenna

Frequency	375-475 MHz
Power	150 W
Mounting Type	27 -50 mm mast tube
Gain	0 dBd (2,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Length (mm)	Item no.
BD70-1G-L	375-475	0 (2,15)	600	28004-003L
BD70-1G-H	440-512	0 (2,15)	600	28004-003H
BD70-3G-L	375-475	3 (5,15)	1300	28304-003L
BD70-3G-H	440-512	3 (5,15)	1300	28304-003H



BD70-6G

136-174 MHz

Stacked Center Fed VHF Dipole Antenna

Frequency	118-174 MHz
Power	150 W
Mounting Type	27 -60 mm mast tube
Gain	3 dBd (5,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	GAIN dBd (dBi)	Height (mm)	Item no.
BD70-6G L	375-450	6 (8,15)	3000	28604-003L
BD70-6G H	440-512	6 (8,15)	3000	28604-003H



BY4-3G*66-88 MHz*

2 element Yagi Antenna



Frequency	66-88 MHz
Power	150 W
Mounting Type	20 - 65 mm mast tube
Gain	3 dBd (5,15 dBi)
Connector	N (female)

BY4-6G*66-88 MHz*

3 element Yagi Antenna



Frequency	66-88 MHz
Power	150 W
Mounting Type	20 - 65 mm mast tube
Gain	6 dBd (8,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY4-3GL	66-77	3 (5,15)	2000	BY4-3GL
BY4-3GH	77-88	3 (5,15)	2000	BY4-3GH
BY4-6GL	66-77	6 (8,15)	2000	BY4-6GL
BY4-6GH	77-88	6 (8,15)	2000	BY4-6GH



BY2-3G

136-188 MHz
2 element Yagi Antenna

Frequency	136-188 MHz
Power	150 W
Mounting Type	20 - 65 mm mast tube
Gain	3dBd (5,15 dBi)
Connector	N (female)



BY2-6G

136-185 MHz
3 element Yagi Antenna

Frequency	136-185 MHz
Power	150 W
Mounting Type	20 -65 mm mast tube
Gain	6 dBd (8,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY2-3GL	136-156	3 (5,15)	1100	BY2-3GL
BY2-3GH	154-175	3 (5,15)	1100	BY2-3GH
BY2-3GHH	174-188	3 (5,15)	1100	BY2-3GHH
BY2-6GS	136-144	6 (8,15)	1200	BY2-6GS
BY2-6GL	144-160	6 (8,15)	1200	BY2-6GL
BY2-6GH	160-175	6 (8,15)	1200	BY2-6GH
BY2-6GHH	174-188	6 (8,15)	1200	BY2-6GHH

BY2-8G*136-188 MHz*

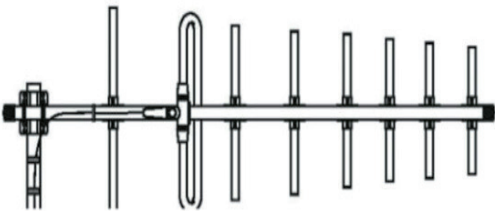
5 element Yagi Antenna



Frequency	136-188 MHz
Power	150 W
Mounting Type	20 - 65 mm mast tube
Gain	6 dBd (8,15 dBi)
Connector	N (female)

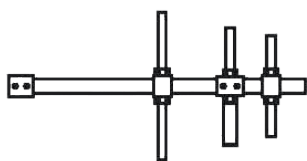
BY2-10G*144-175 MHz*

8 element Yagi Antenna



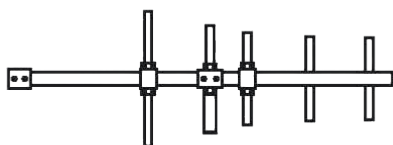
Frequency	144-175 MHz
Power	150 W
Mounting Type	20 - 65 mm mast tube
Gain	10 dBd (12,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY2-8GS	136-144	6 (8,15)	2200	BY2-8GS
BY2-8GL	144-160	6 (8,15)	2200	BY2-8GL
BY2-8GH	160-175	6 (8,15)	2200	BY2-8GH
BY2-8GHH	174-188	6 (8,15)	2200	BY2-8GHH
BY2-10GL	144-160	10 (12,15)	2828	BY2-10GL
BY2-10GM	153-167	10 (12,15)	3270	BY2-10GM
BY2-10GH	160-175	10 (12,15)	2990	BY2-10GH

**BY300-5G***280-380 MHz*

3-element Yagi Antenna

Frequency	280-380 MHz
Power	150 W
Mounting Type	20 - 65 mm mast tube
Gain	5 dBd (7,15 dBi)
Connector	N (female)

**BY300-7G***280-380 MHz*

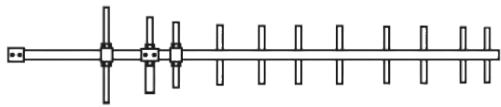
5 element Yagi Antenna

Frequency	280-380 MHz
Power	150 W
Mounting Type	20 -65 mm mast tube
Gain	7 dBd (9,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY300-5G	280-330	5 (7,15)	780	BY300-5G
BY300-5G	330-380	5 (7,15)	780	BY360-5G
BY300-7G	280-330	7 (9,15)	1100	BY300-7G
BY300-7G	330-380	7 (9,15)	1100	BY360-7G

BY300-12G

280-380 MHz
10 element Yagi Antenna



Frequency	280-380 MHz
Power	150 W
Mounting Type	20 - 65 mm mast tube
Gain	12 dBd (14,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY300-12G	280-330	12 (14,15)	2300	BY300-12G
BY300-12G	330-380	12 (14,15)	2100	BY360-12G



BY70-3G

380-475 MHz

2 element Yagi Antenna



Frequency	380-475 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 20 - 65 mm, vertical or horizontal)
Gain	3 dBd (5,15 dBi)
Connector	N (female)

BY70-5G

380-475 MHz

3 element Yagi Antenna



Frequency	380-475 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 25 - 65 mm, vertical or horizontal)
Gain	5 dBd (7,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY70-3GT	380-430	3 (5,15)	600	BY70-3GT
BY70-3G	400-475	3 (5,15)	600	BY70-3G
BY70-5GT	380-430	5 (7,15)	750	BY70-5GT
BY70-5G	400-475	5 (7,15)	750	BY70-5G

BY70-7G

380-475 MHz
5 element Yagi Antenna



Frequency	380-475 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 20 - 65 mm, vertical or horizontal)
Gain	7 dBd (9,15 dBi)
Connector	N (female)

BY70-10G

380-475 MHz
7 element Yagi Antenna



Frequency	380-475 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 27 - 50 mm, vertical or horizontal)
Gain	10 dBd (12,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY70-7GT	380-430	7 (9,15)	1100	BY70-7GT
BY70-7G	400-475	7 (9,15)	1100	BY70G
BY70-10GT	380-430	10 (12,15)	1300	BY70-10GT
BY70-10G	400-475	10 (12,15)	1300	BY70-10G

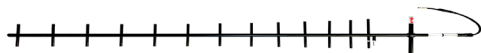


Frequency	380–475 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 20 – 65 mm, vertical or horizontal)
Gain	12 dBd (14,15 dBi)
Connector	N (female)

BY70–12G

380–475 MHz

10 element Yagi Antenna



Frequency	460–535 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 20 – 65 mm, vertical or horizontal)
Gain	12 dBd (14,15 dBi)
Connector	N (female)

BY500–12G

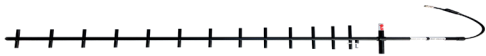
460–535MHz

14 element Yagi Antenna

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY70–12GT	380–430	12 (14,15)	1600	BY70–12GT
BY70–12G	400–475	12 (14,15)	1600	BY70–12G
BY500	460–535	12 (14,15)	1950	BY500–12G

BY600-12G

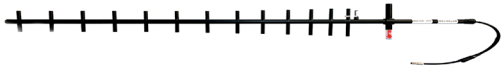
535-660 MHz
14 element Yagi Antenna



Frequency	353-660 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 20 - 65 mm, vertical or horizontal)
Gain	12 dBd (14,15 dBi)
Connector	N (female)

BY700-12G

660-800 MHz
14 element Yagi Antenna



Frequency	660-800 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 20 - 65 mm, vertical or horizontal)
Gain	12 dBd (14,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY600	535-660	12 (14,15)	1650	BY600-12G
BY700	660-800	12 (14,15)	1400	BY700-12G

BY800-XG

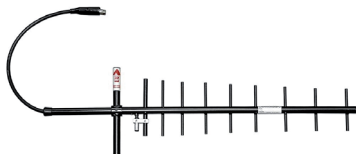
800-900 MHz
10-14 element Yagi Antenna



Frequency	800-900 MHz
Power	150 W
Mounting Type	27 - 50 mm mast tube
Gain	10 dBd (12,15 dBi)
Connector	N (female)

BY900-XG

870-960 MHz
10 element Yagi Antenna

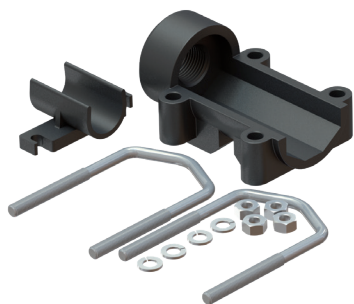


Frequency	870-960 MHz
Power	150 W
Mounting Type	Fixed Tube Bracket in Galvanized Iron (included) On tube (Ø 20 - 50 mm, vertical or horizontal)
Gain	10 - 15 dBd (12,15 - 17,15 dBi)
Connector	N (female)

Model	Frequency (MHz)	Gain (dBd/dBi)	Height (mm)	Item no.
BY800-XG - 10 elements	800-900	10 (12,15)	850	BY80-10G
BY800-XG - 14 elements	800-900	12 (14,15)	1250	BY80-12G
BY900-XG - 10 elements	870-960	10 (12,15)	850	BY90-10G
BY900-XG - 14 elements	870-960	12 (14,15)	1250	BY90-12G
BY900-XG - 15 elements	870-960	15 (17,15)	1400	BY90-15G

Dimensions	Ø 30-60 mm
Item no.	10000-183

MAST/RAIL MOUNT 1"-14NF

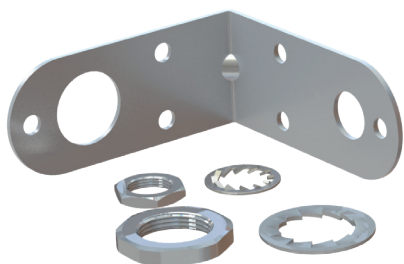


Specs

- Heavy Duty bracket for direct mounting of Antenna
- PU powder coated Aluminium
- Mounting Ø30-60mm with supplied U-bolts
- Fits all Marine and Base Station Antennas with 1"-14NF external threaded base

Dimensions	Ø 16,5-25 mm
Item no.	10000-221

MAST/WALL UNIVERSAL MOUNT SS



Specs

- Stainless steel mount
- Mount hole for Antenna Ø 16.5mm / Ø 25mm
- For installation of Marine and Base Station Antennas on side of mast or on wall separately)

Dimensions	Ø 30-90 mm
Item no.	10000-191

MAST MOUNT UNIVERSAL SS



Specs

- Universal Mast Mount for lightweight & medium duty Antennas (max. 1.5m)
- High grade AISI-316 stainless steel
- Mounting Ø30-90mm rails and poles to be ordered separately)

Dimensions	H 105 mm
Item no.	10000-121



Specs

- Polished Stainless-steel Mount
- Fits all Marine with 1"-14NF internal threaded base
- Height 105mm
- Mounting Bolt-on (No mounting hardware included)

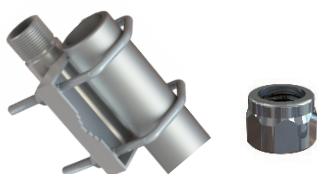
Dimensions	Ø 30-60 mm
Item no.	10000-123



Specs

- Polished marine grade AISI-316 stainless steel pole bracket
- Used with all Marine with 1"-14NF internal threaded base
- Mounting Ø30-60mm with supplied U-bolts

Dimensions	Ø 30-60 mm
Item no.	10102-003



Specs

- For all Marine and Base Station Antennas with the 1" Revolving Nut
- Polished marine grade AISI-316 stainless steel pole bracket
- Mounting Ø30-60mm
- G1"-11

DECK MOUNT 1"- 14NF

MAST/RAIL MOUNT SS

MAST/RAIL MOUNT SS

Dimensions	Ø 38-75 mm
Item no.	10000-173

MAST/RAIL MOUNT SS

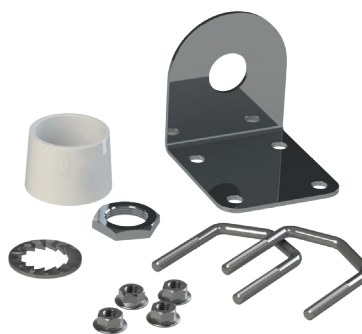


Specs

- Stainless steel bracket
- Heavy Duty bracket for use at sea
- Mount hole for Antenna Ø 25mm
- Mounting Ø38-75mm pole with supplied U-bolts
- Fits all Marine and Base Station Antennas with 1"-14NF external threaded base

Dimensions	Ø 16,5 mm
Item no.	10000-141

WALL/RAIL MOUNT



Specs

- Polished stainless steel bracket for installation of marine and base station Antennas on horizontal or vertical rail Ø 10 - 30 mm or on mast/wall
- Stainless steel mounting hardware included

Dimensions	150 mm - H: 41
Item no.	10000-421

1" ADAPTER TUBE HD



Specs

- Chromed solid brass adapter tube for converting US-style 1"-14NF into G1"-11 threaded type
- Makes it possible to place all Antennas with 1" Revolving Nut mounting on any US-style bracket with 1"-14NF threaded stud

Dimensions

Item no. 15 026



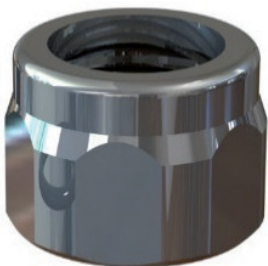
PROTECTION CAP

Specs

- Strong rubber connector protectioncap especially made for protection of UHF and N type connectors used on marine and base station installations. The cap can be fitted to either RG58 or RG213/14 type of cables

Dimensions

Item no. 10000-431



1" REVOLVING NUT KIT G1" 11

Specs

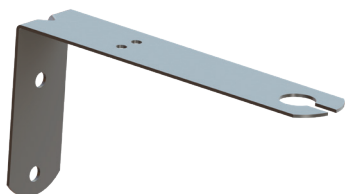
- 1" Revolving Nut and O-ring for mounting Marine & Base Station Antennas on G1"-11 threaded brackets
- Chrome plated solid brass

Dimensions

Ø 16,5 mm

Item no.

10103-011



WALL BRACKET 167

Specs

- Stainless steel bracket especially made for installation of smaller Marine and Wireless (M2M) Antennas on wall or mast etc.
- MADE FROM HIGH GRADE AISI-316 STAINLESS STEEL FOR LONG DURABILITY

WALL BRACKET 87 (Hole)

Dimensions	Ø 11,8 mm
Item no.	16200IP

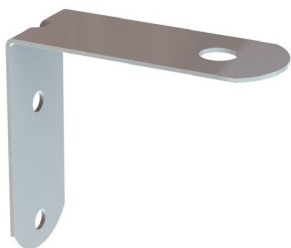


Specs

- Stainless steel bracket for installation of smaller Marine and Wireless (M2M) Antennas on wall or mast etc. The Antenna mounting hole in the bracket is Ø 11.8 mm.
- LONG DURABILITY

WALL BRACKET 87 White

Dimensions	Ø 11,8 mm
Item no.	16210IP

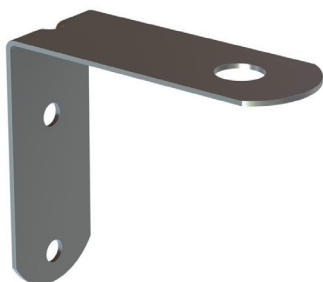


Specs

- PU-painted steel bracket for installation of smaller Marine and Wireless (M2M) Antennas on wall or mast etc. The Antenna mounting hole in the bracket is 11,8 mm especially made to accept SMA and FME bulkhead connectors. On both SMA and FME bulkhead connectors a wide range of portable Antennas with the corresponding interface connectors can be places directly
- PU-PAINTED STAINLESS STEEL

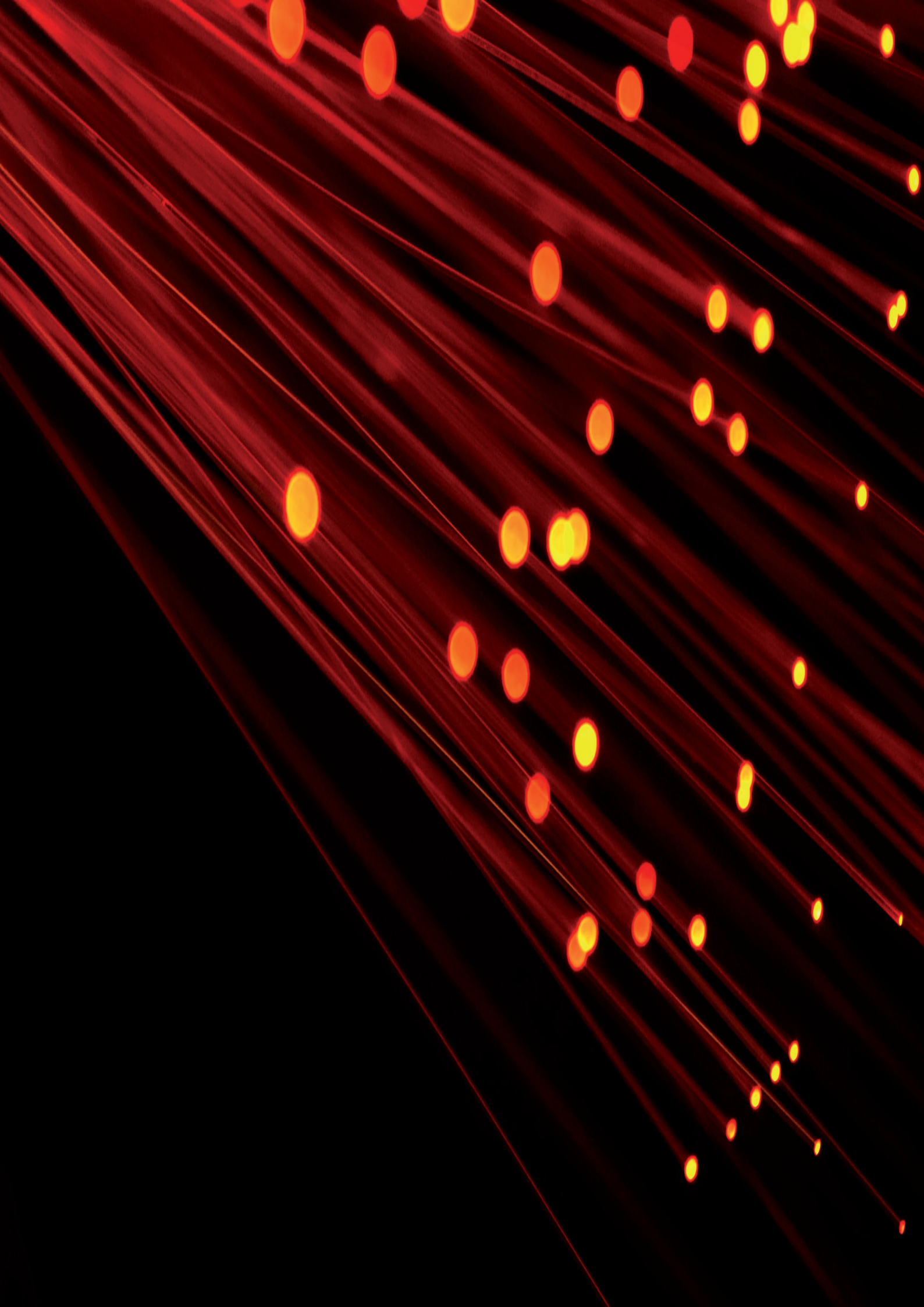
WALL BRACKET 87

Dimensions	Ø 13,5 mm
Item no.	16200IP



Specs

- Stainless steel bracket for installation of smaller Marine and Wireless (M2M) Antennas on wall or mast etc. The Antenna mounting hole in the bracket is Ø 13.5 mm.
- LONG DURABILITY



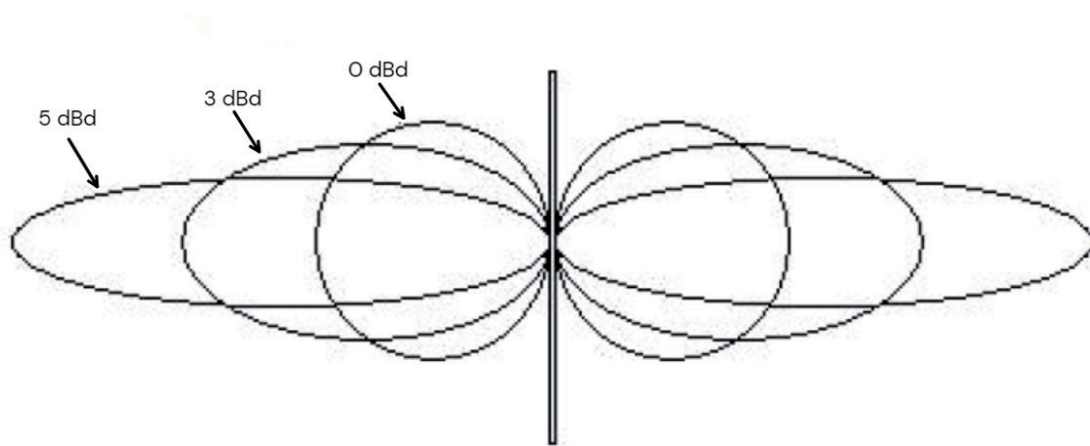
Gain Reference

Gain is one of the main parameters of an Antenna.

The gain of an Antenna is a figure stating how much energy the Antenna transmits/receives in the main direction compared to a reference Antenna

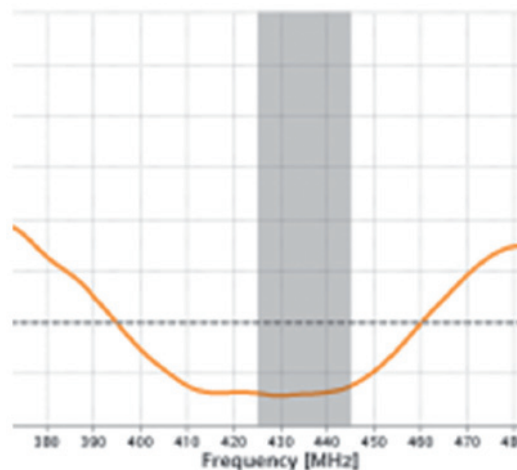
Conversion between the simple equation: $0 \text{ dBd} = 2.15 \text{ dBi}$

<u>dBi</u>	<u>dBd</u>
2.15	0
5.15	3
7.15	5



VSWR

VSWR (Voltage Standing Wave Ratio), is a measure of how well the Antenna is matched to 50 ohms at different frequencies. VSWR 1.0:1 is a perfect match.



Scan—Antenna®

It's the Antennas that make the modern world go around.

Without them global communication wouldn't exist and most of our technology would be useless. Antennas matter. High quality systems matter even more.

Everyday millions of people rely and depend on the know-how and care we put into making state-of-the-art solutions.

Our partners matter to us, and we highly appreciate that they trust us with their present and future business. Therefore, we will be visible and accessible in the mind of our partners.

We're a tech-company making solutions fit for the future – with solid and honest values: Quality, flexibility, and responsibility. We will always make sure we deliver the best in everything we do.

Quality, flexibility, and responsibility are the values that matter the most when building strong and unique connections to our partners and co-workers.

CONNECTIVITY MATTERS