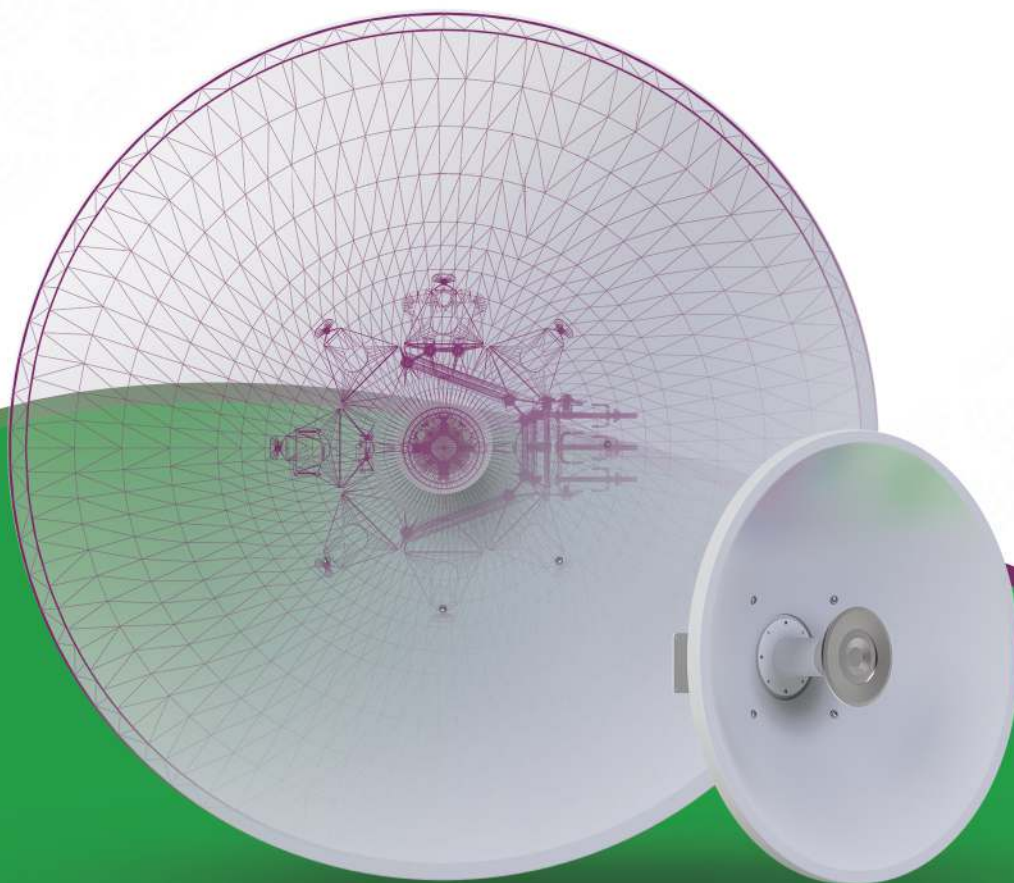




GHZ

CATALOG

V 3.5.0







GHz Phase Antenna

شرکت فراموج سازان ارتباطات پارسیان با بیش از یک دهه سابقه درخشان در حوزه فناوری‌های مخابراتی، به‌عنوان یکی از شرکت‌های دانش‌بنیان برتر این حوزه شناخته می‌شود. این مجموعه از سال ۱۳۹۱ فعالیت خود را آغاز کرده و با تکیه بر دانش فنی و تجهیزات مدرن، به تولید و توزیع آنتن‌های مخابراتی و تجهیزات رادیویی با نام تجاری فاز (PHASE) در باندهای فرکانسی HF، VHF، GHz، Microwave پرداخته است. همچنین، تولید رادیوهای باند 5GHz تحت برند RAYABOX و توزیع برندهای مطرحی مانند Mikrotik و Mimosa نیز در زمره خدمات این شرکت قرار دارد.

محصولات این مجموعه در بازه فرکانسی 60MHz تا 38GHz تولید شده و مطابق با استانداردهای ملی و بین‌المللی عرضه می‌شوند. این شرکت با دریافت پروانه بهره‌برداری از وزارت صمت، پروانه عرضه خدمات از سازمان تنظیم مقررات و ارتباطات رادیویی و مجوزهای معتبر دیگر، جایگاه خود را در صنعت مخابرات تثبیت کرده است. تمامی محصولات این شرکت دارای گارانتی ۱۸ ماهه می‌باشد و همراه با خدمات پس از فروش و پشتیبانی فنی مستمر ارائه می‌شوند. کارخانه شرکت در شهرک صنعتی اصفهان و دفتر مرکزی آن در استان اصفهان قرار دارد. استفاده از محصولات این مجموعه در پروژه‌های شرکت ملی نفت، گاز، برق و... نشان‌دهنده کیفیت و اعتماد بالای مشتریان به این مجموعه است. این شرکت با تمرکز بر نوآوری، بومی‌سازی فناوری‌های مخابراتی و امکان سفارشی سازی محصولات، آماده همکاری با تمامی سازمان‌های دولتی و خصوصی برای توسعه ارتباطات پیشرفته در ایران می‌باشد.



WB SERIES

	7 25 ISO HP	10 30 ISO HP	13 34 NP
	8 27 ISO HP	11 32 NP	14 34 ISO HP
	9 30 NP	12 32 ISO HP	15 36 ISO HP

6G SERIES

19	25	ISO	HP	22	30	ISO	HP	25	34	NP	
20	27	ISO	HP	23	32	NP		26	34	ISO	HP
21	30	NP		24	32	ISO	HP	27	36	ISO	HP

X SERIES

31	25	ISO	HP	34	30	ISO	HP	37	34	NP	
32	27	ISO	HP	35	32	NP		38	34	ISO	HP
33	30	NP		36	32	ISO	HP	39	36	ISO	HP





6G WB X

سری **WIDE BAND** فاز



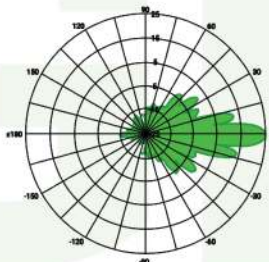
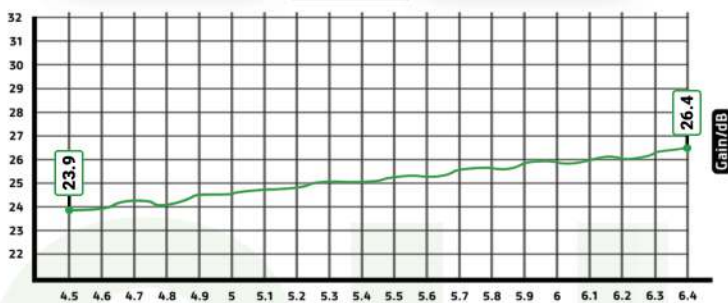
پوشش دهی کامل از باند های فرکانسی
4500 مگاهرتز تا **6400** مگاهرتز

25

WB



Frequency/GHz



Product Model
PHASE-25ISO-WB-HP

Antenna Type
Parabolic Solid Dish Antenna

Frequency Range
4.5 - 6.4 GHz

Impedance
50 Ω

Polarization
Vertical and Horizontal

Antenna Gain
25dBi

Weight
net: 2.8 kg

Connector Type
2x RP - Female Ntype

Max/Min Gain
in 6400MHz(26.4dBi) & 4500MHz(23.9dBi)

Front to Back Ratio
 ≥ 26 dB

S.W.R in Bandwidth
 $\leq 1.4:1$ (TyP)

Single Unit Dimension
430 x 430 x 300mm

Operating Temperature
-40C° to +80C°

Wind Resistance
200/250 km/h

H/E plane beamwidth
8° in 5.5GHz

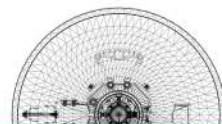
Materials
Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt
 $\pm 15^\circ$

F/D Ratio
0.25

ETSI Specification
EN 302 326 DN2-DN5

Mounting Kit Style
Easy Mount Kit



27

Product Model

PHASE-27 ISO-WB-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

27dBi

Weight

net: 3.2 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(28.3 dBi) & in 4500MHz(25.8dBi)

Front to Back Ratio

≥ 28 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

530 x 530 x 320mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

6.5° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

0.25

ETSI Specification

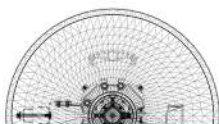
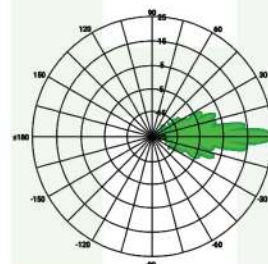
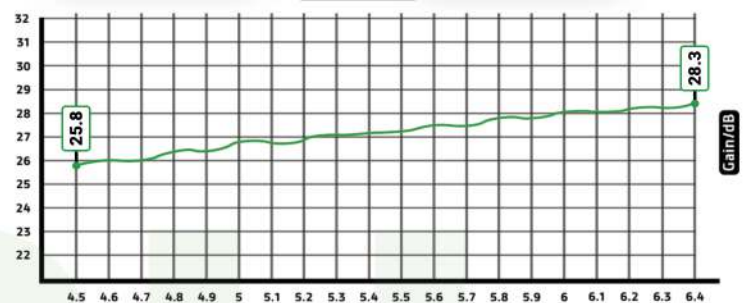
EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



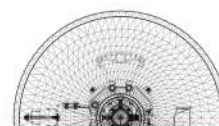
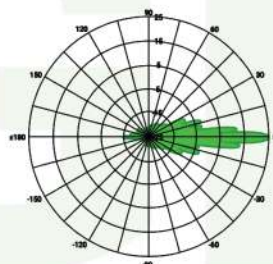
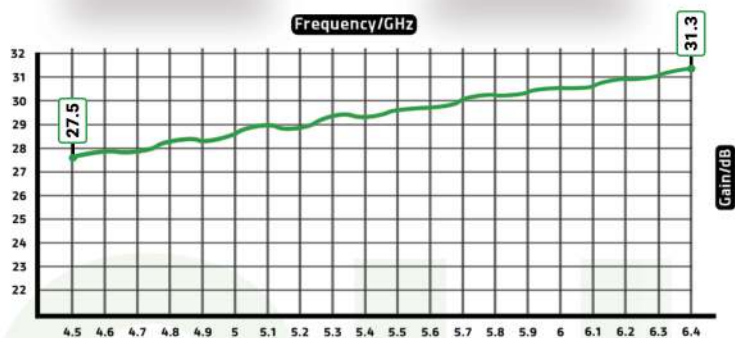
Frequency/GHz





30

WB



Product Model

PHASE-30-WB-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

30dBi

Weight

net: 4.9 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(31.3dBi) & in 4500MHz(27.5dBi)

Front to Back Ratio

≥ 30 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

650 × 650 × 380mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

5° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

0.36

ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

30

Product Model

PHASE-30 ISO-WB-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

30dBi

Weight

net: 5.6 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(31.3dBi) & in 4500MHz(29.2dBi)

Front to Back Ratio

≥ 30 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

670 × 670 × 335mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

4.8° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

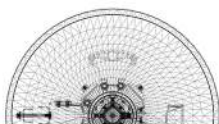
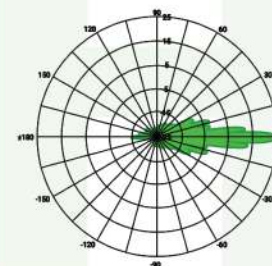
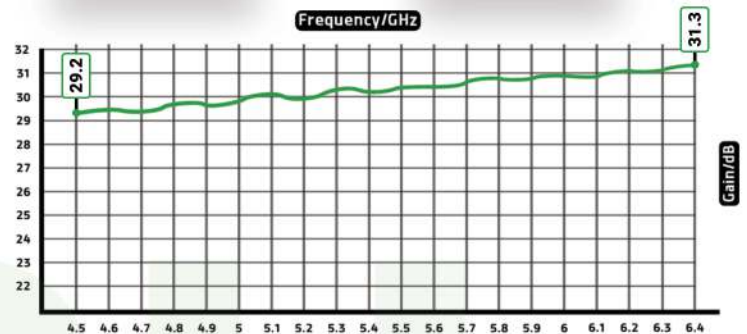
0.25

ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

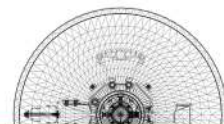
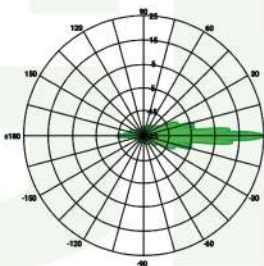
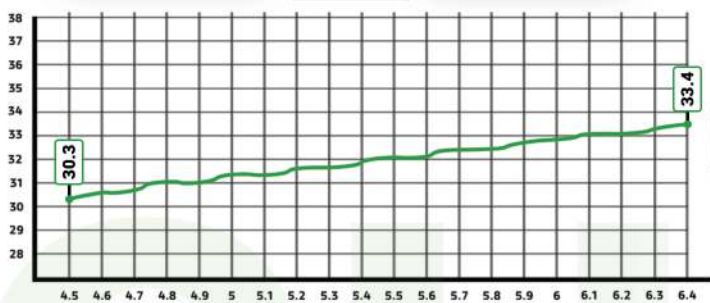


32

WB



Frequency/GHz



Product Model

PHASE-32-WB-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

32dBi

Weight

net: 8.5 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(33.4dBi) & in 4500MHz(30.3dBi)

Front to Back Ratio

≥ 40 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

890 $\times$ 890 $\times$ 508mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.6° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

0.36

ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

32

Product Model

PHASE-32ISO-WB-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

32dBi

Weight

net: 11 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(33.5dBi) & in 4500MHz(30.3dBi)

Front to Back Ratio

≥ 40 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

895 x 895 x 420mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.6° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

0.25

ETSI Specification

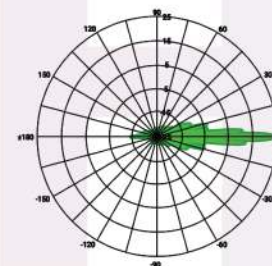
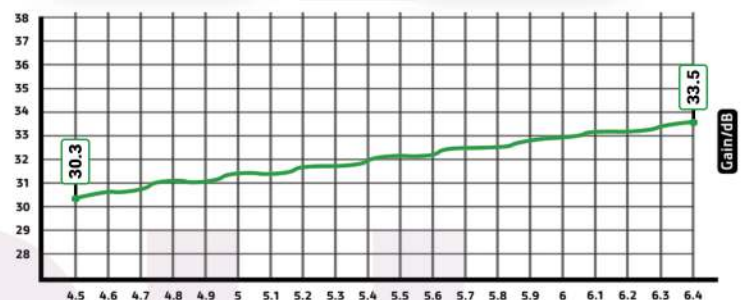
EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



Frequency/GHz

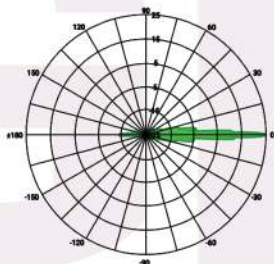
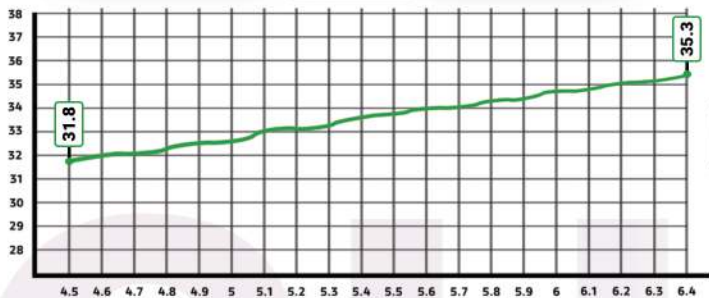


34

WB



Frequency/GHz



Product Model

PHASE-34-WB-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

34dBi

Weight

net: 10.5 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(35.3dBi) & in 4500MHz(31.8dBi)

Front to Back Ratio

≥ 42 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1050 $\times$ 1050 $\times$ 525mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.1° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

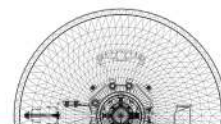
0.36

ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



34

Product Model

PHASE-34ISO-WB-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

34dBi

Weight

net: 11.2 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(35.3dBi) & in 4500MHz(31.5dBi)

Front to Back Ratio

≥ 42 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1020 x 1020 x 472mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.1° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

0.22

ETSI Specification

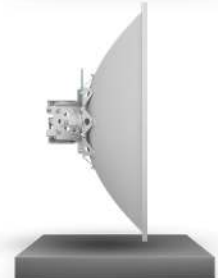
EN 302 326 DN2-DN5

Mounting Kit Style

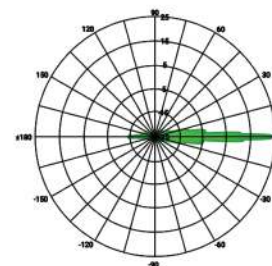
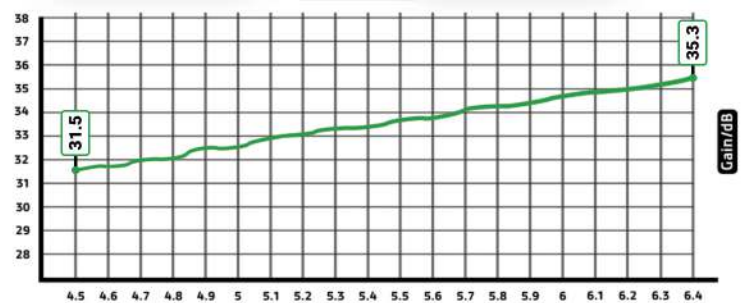
Easy Mount Kit



Equipped With a **Radome**

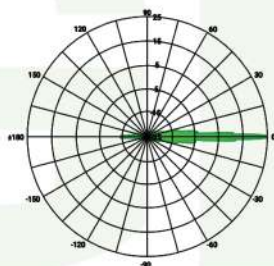
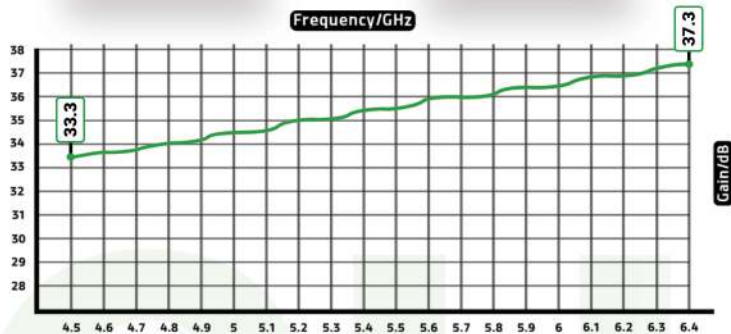


Frequency/GHz





Equipped With a **Radome**



36

WB

Product Model

PHASE-36ISO-WB-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.5 - 6.4GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

36dBi

Weight

net: 15.3 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6400MHz(37.3dBi) & in 4500MHz(33.3dBi)

Front to Back Ratio

≥ 44 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (Typ)

Single Unit Dimension

1250 $\times$ 1250 $\times$ 470mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

2.6° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

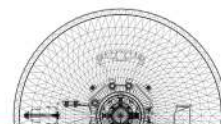
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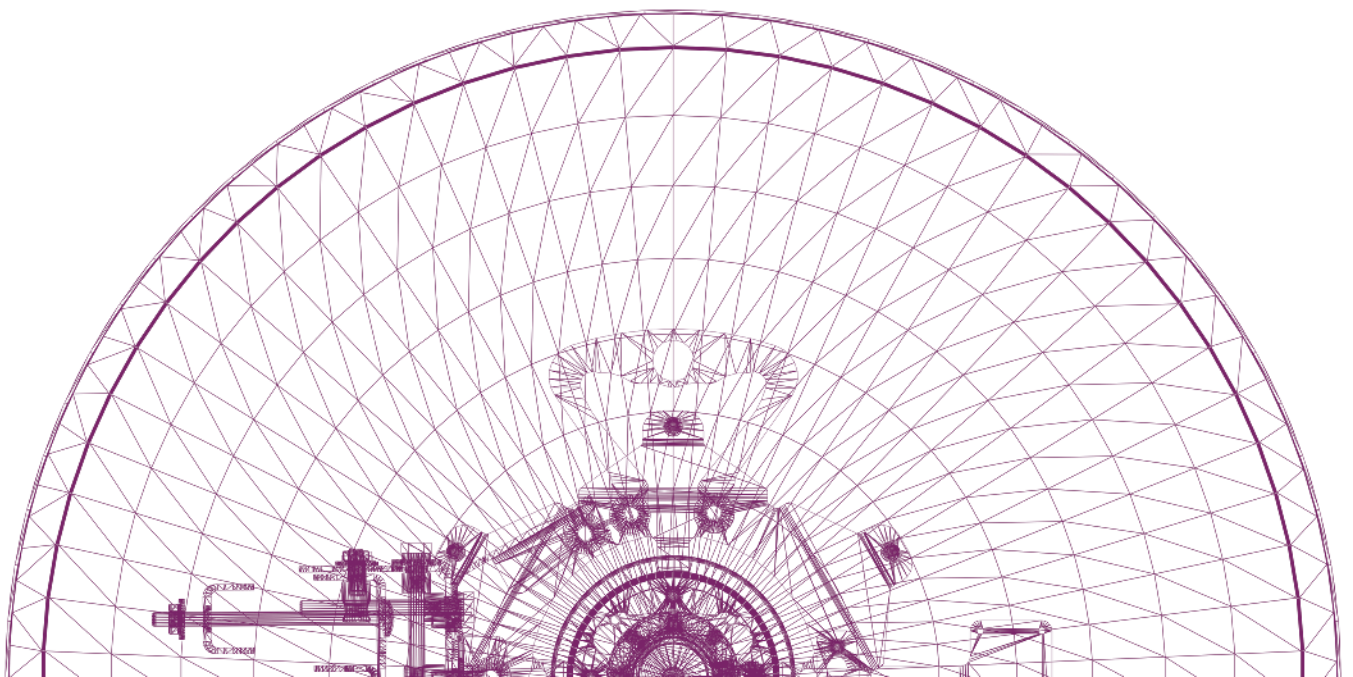
ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit









5G 6G X

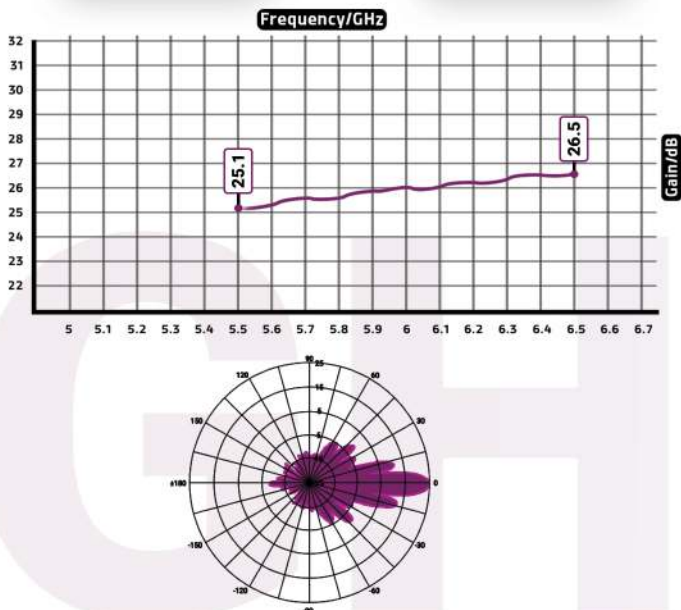
سری 6G فاز

پوشش دهی کامل از باند های فرکانسی
5500 مگاهرتز تا 6500 مگاهرتز



25

6G



Product Model

PHASE-25 ISO-6G-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

25dBi

Weight

net: 2.8 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(26.5dBi) & in 5500MHz(25.1dBi)

Front to Back Ratio

≥ 26 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

430 x 430 x 300mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

8° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

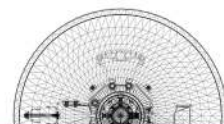
0.25

ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



27

Product Model

PHASE-27 ISO-6G-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

27dBi

Weight

net: 3.2 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(28.5dBi) & in 5500MHz(27dBi)

Front to Back Ratio

≥ 28 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

530 x 530 x 320mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

6.5° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

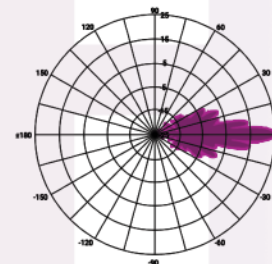
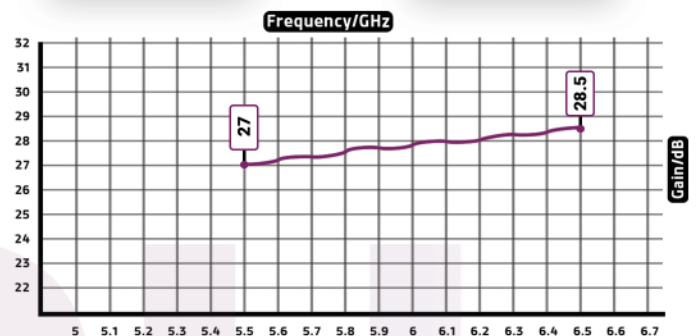
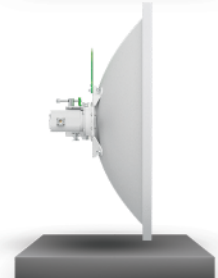
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ETSI Specification

EN 302 326 DN2-DN5

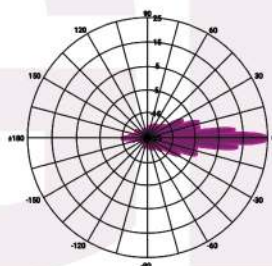
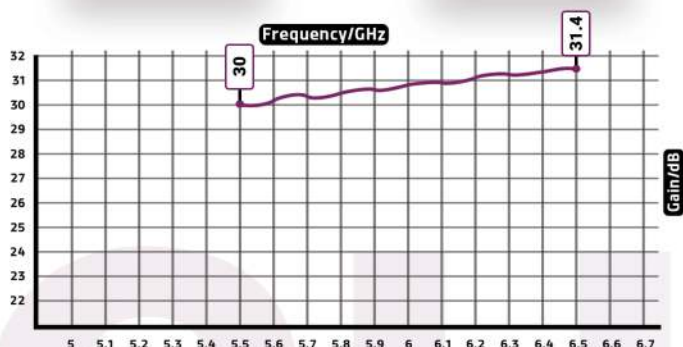
Mounting Kit Style

Easy Mount Kit



30

6G



Product Model

PHASE-30-6G-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

30dBi

Weight

net: 4.9 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(31.4dBi) & in 5500MHz(30dBi)

Front to Back Ratio

≥ 30 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

650 × 650 × 360mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

6.5° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

0.36

ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



30

Product Model

PHASE-30 ISO-6G-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

30dBi

Weight

net: 5.5 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(31.4dBi) & in 5500MHz(30dBi)

Front to Back Ratio

≥ 30 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

650 x 650 x 380mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

6.5° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

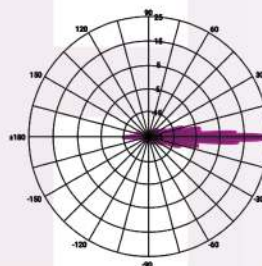
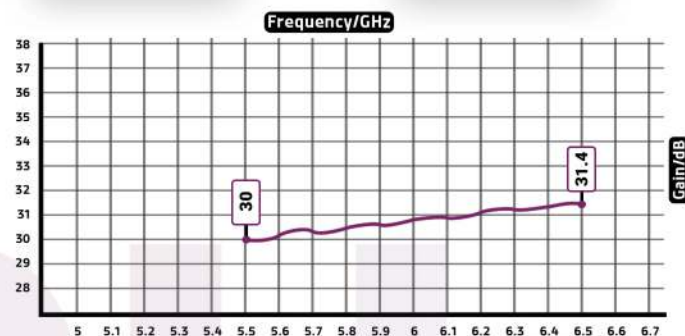
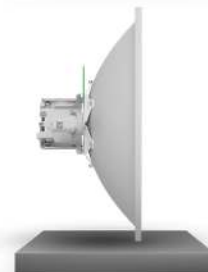
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ETSI Specification

EN 302 326 DN2-DN5

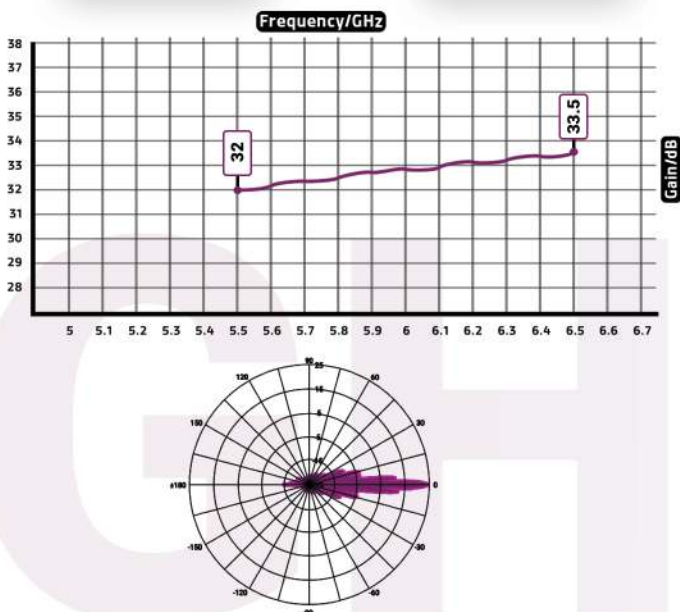
Mounting Kit Style

Easy Mount Kit



32

6G



Product Model

PHASE-32-6G-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

32dBi

Weight

net: 8.5 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(33.5dBi) & in 5500MHz(32dBi)

Front to Back Ratio

≥ 40 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

890 × 890 × 508mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.8° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

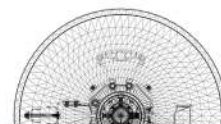
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



32

Product Model

PHASE-32 ISO-6G-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

32dBi

Weight

net: 11 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(33.6dBi) & in 5500MHz(32.1dBi)

Front to Back Ratio

≥ 40 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

890 × 890 × 420mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.8° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

0.25

ETSI Specification

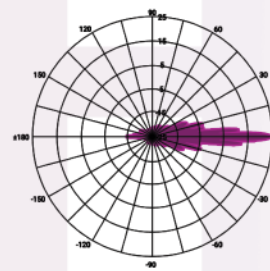
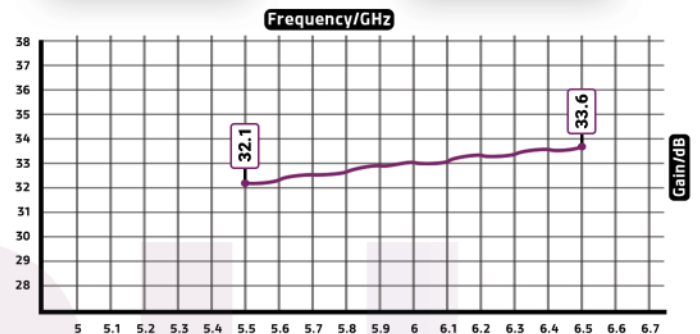
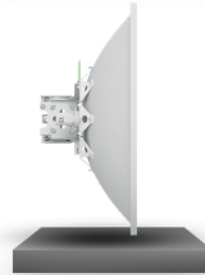
EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

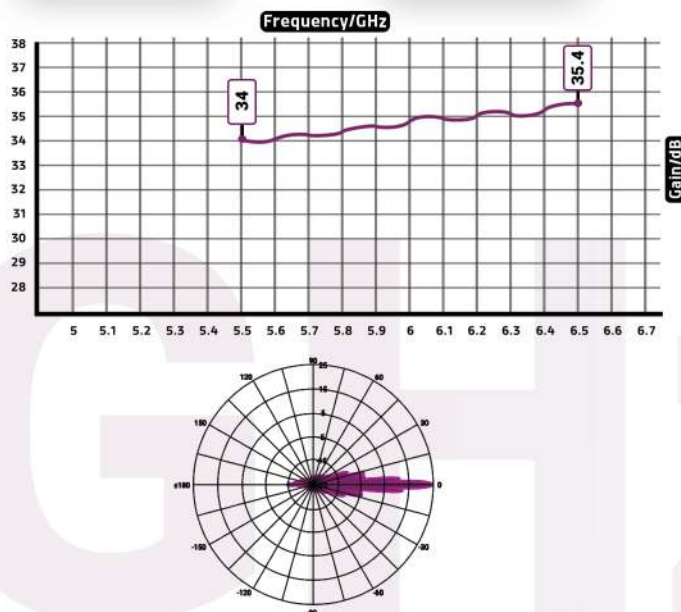


Equipped With a Radome



34

6G



Product Model

PHASE-34-6G-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

34dBi

Weight

net: 10.5 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(35.4dBi) & in 5500MHz(34dBi)

Front to Back Ratio

≥ 42 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1050 $\times$ 1050 $\times$ 525mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.3° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

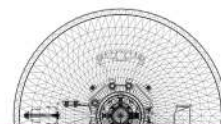
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



34

Product Model

PHASE-34 ISO-6G-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

34dBi

Weight

net: 12 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(35.4dBi) & in 5500MHz(34.3dBi)

Front to Back Ratio

≥ 42 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1020 $\times$ 1020 $\times$ 472mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.3° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

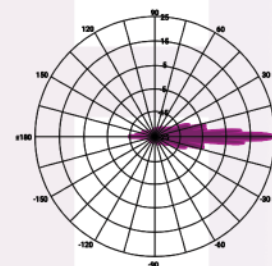
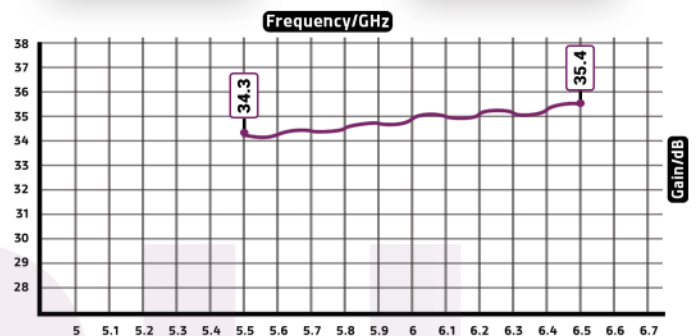
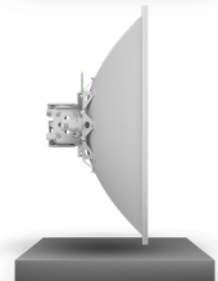
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

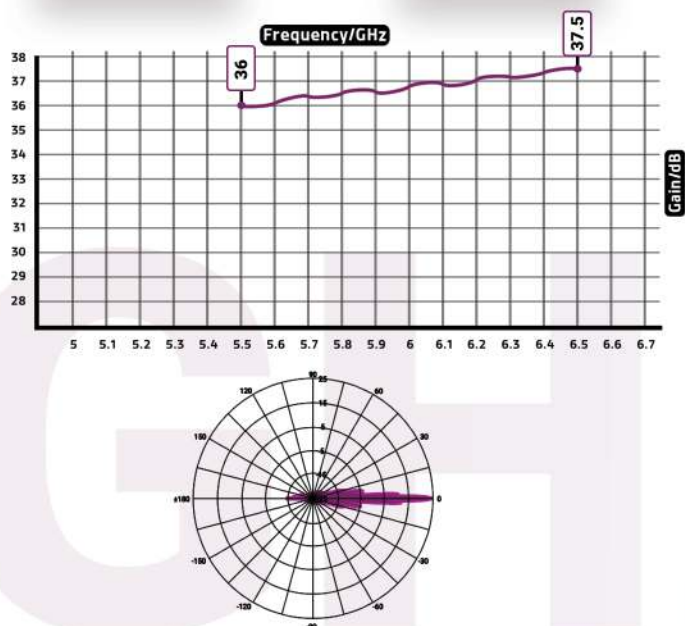




Equipped With a Radome

36

6G



Product Model

PHASE-36 ISO-6G-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

5.5 - 6.5 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

36dBi

Weight

net: 15.2 kg

Connector Type

2x RP - Female Ntype

Max/Min Gain

in 6500MHz(37.5dbi) & in 5500MHz(36dbi)

Front to Back Ratio

≥ 44 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1250 $\times$ 1250 $\times$ 470mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

2.7° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

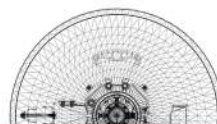
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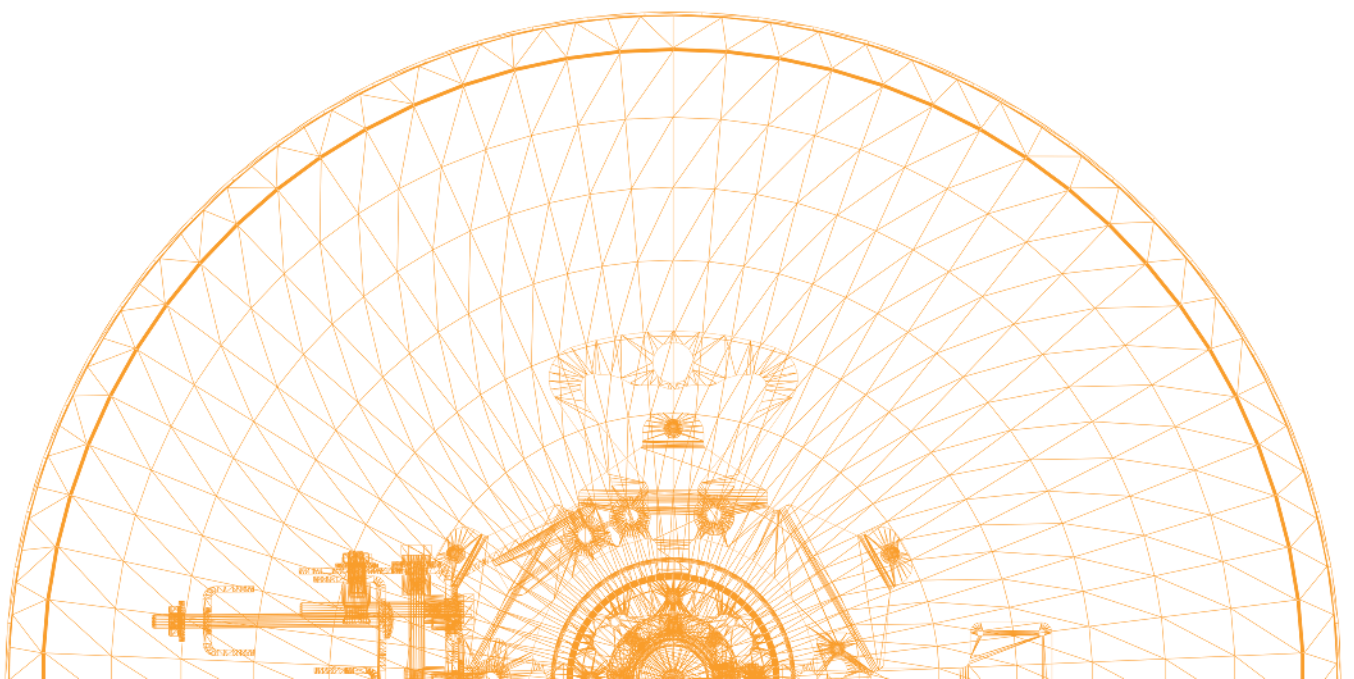
ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit









5G

6G

سری X فاز

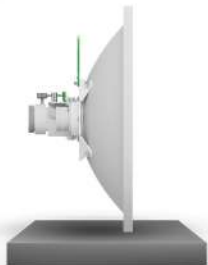


پوشش دهی از باند های فرکانسی مخصوص رادیوهای X میموسا

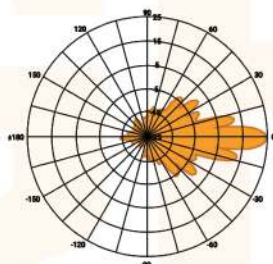
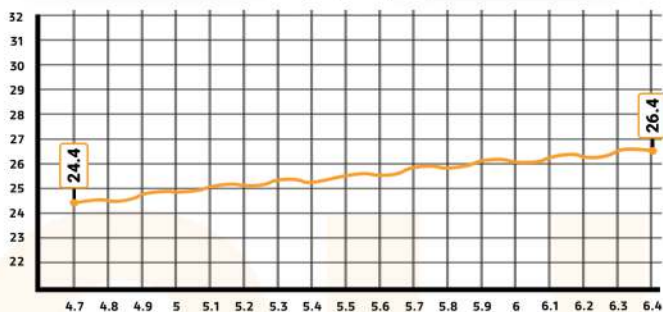
4700 مگاهرتز تا **6400** مگاهرتز

25

X



Frequency/GHz



Product Model

PHASE-25 ISO-X-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

25dBi

Weight

net: 2.7 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(26.4dBi) & in 4700MHz(24.4dBi)

Front to Back Ratio

≥ 26 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

430 $\times$ 430 $\times$ 300mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

8° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

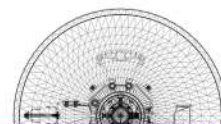
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



27

Product Model

PHASE-27ISO-X-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

27dBi

Weight

net: 3.2 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(28.3dBi) & in 4700MHz(26.1dBi)

Front to Back Ratio

≥ 28 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (Typ)

Single Unit Dimension

530 × 530 × 320mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

6.5° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

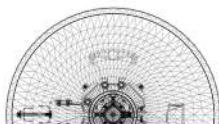
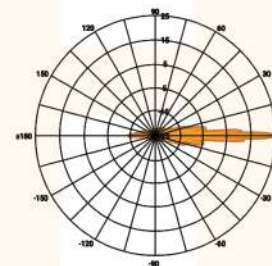
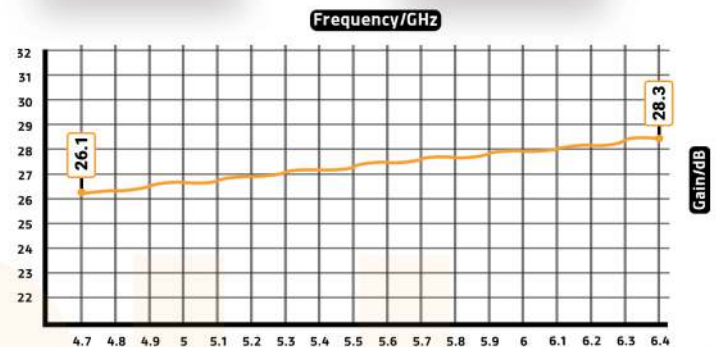
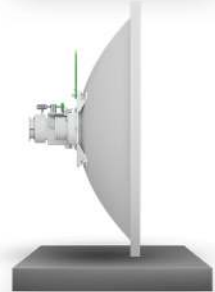
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ETSI Specification

EN 302 326 DN2-DN5

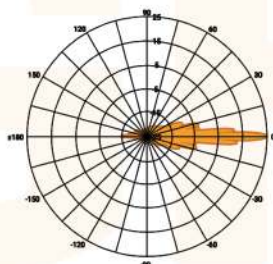
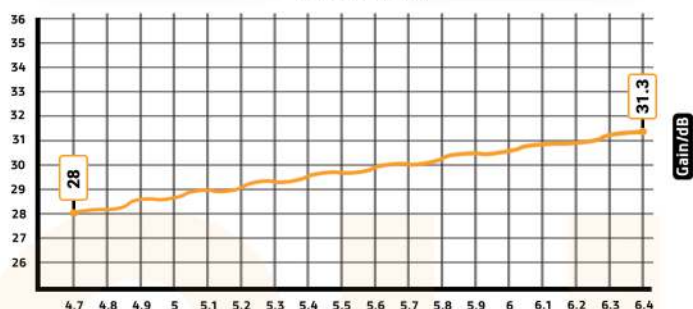
Mounting Kit Style

Easy Mount Kit





Frequency/GHz



30

Product Model

PHASE-30-X-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

30dBi

Weight

net: 4.8 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(31.3dBi) & in 4700MHz(28dBi)

Front to Back Ratio

≥ 30 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

650 × 650 × 380mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

6.5° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

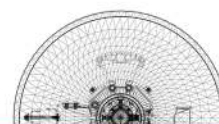
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



30

Product Model

PHASE-30ISO-X-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

30dBi

Weight

net: 5.4 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(31.3dBi) & in 4700MHz(28.2dBi)

Front to Back Ratio

≥ 40 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

670 × 670 × 335mm

Operating Temperature

-40°C to +80°C

Wind Resistance

200/250 km/h

H/E plane beamwidth

4.8° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

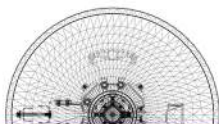
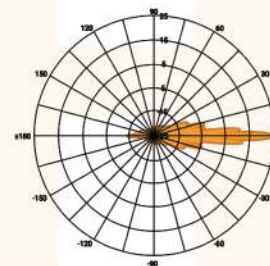
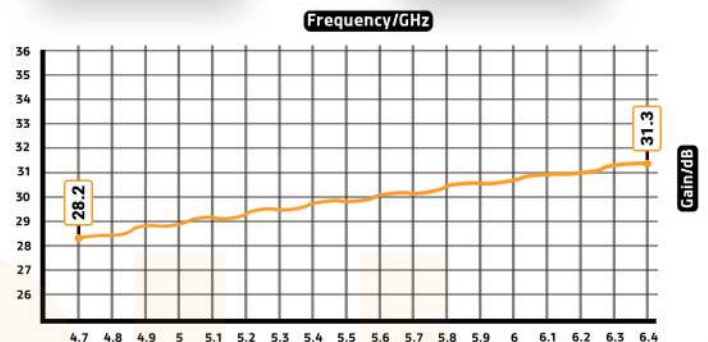
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



32

X

Product Model

PHASE-32-X-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

32dBi

Weight

net: 8.3 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(33.4dBi) & in 4700MHz(30.7dBi)

Front to Back Ratio

≥ 42 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

890 × 890 × 508mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.6° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

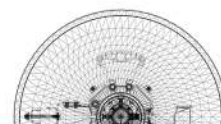
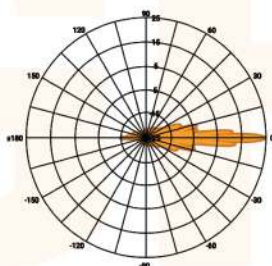
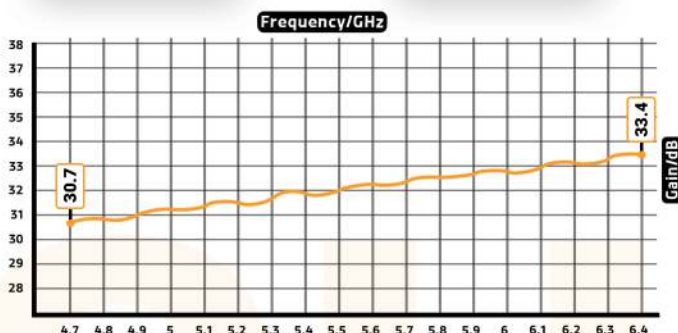
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



32

Product Model

PHASE-32ISO-X-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

32dBi

Weight

net: 10.8 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(33.4dBi) & in 4700MHz(30.7dBi)

Front to Back Ratio

≥ 42 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

895 × 895 × 420mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plan beamwidth

3.6° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

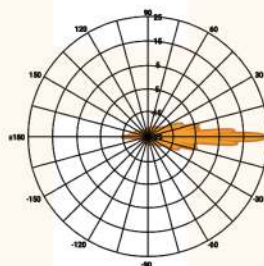
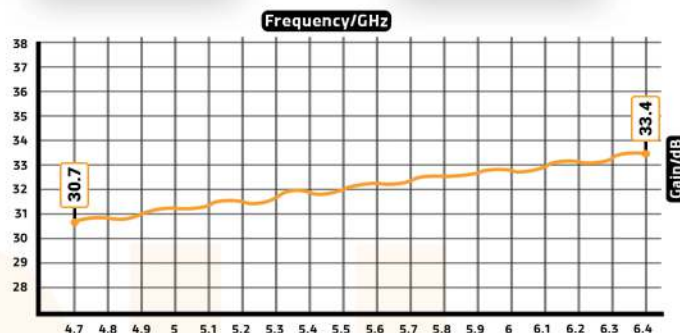
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



34

X

Product Model

PHASE-34-X-NP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

34dBi

Weight

net: 10.3 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(35.3dBi) & in 4700MHz(32.1dBi)

Front to Back Ratio

≥ 44 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1050 $\times$ 1050 $\times$ 525mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

2.8° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

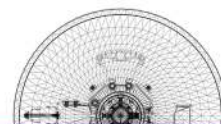
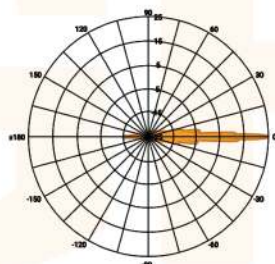
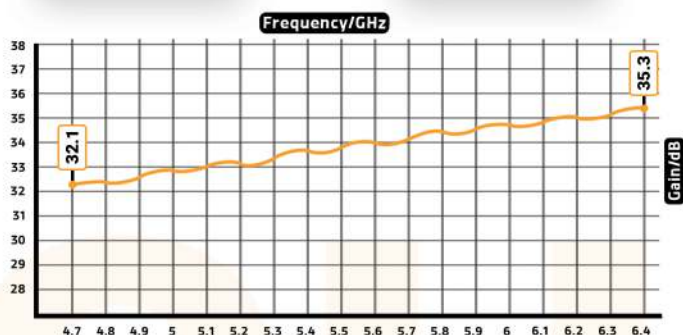
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



34

Product Model

PHASE-34ISO-X-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

34dBi

Weight

net: 12 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(35.3dBi) & in 4700MHz(32.7dBi)

Front to Back Ratio

≥ 44 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1020 x 1020 x 472mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

3.1° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

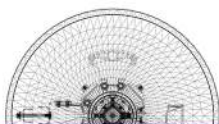
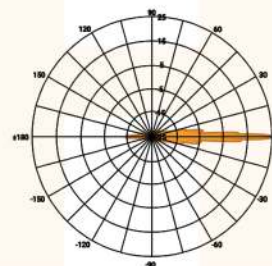
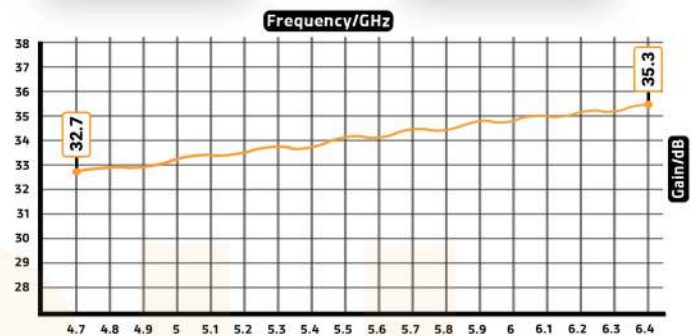
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

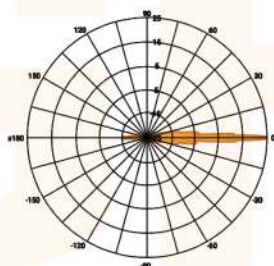
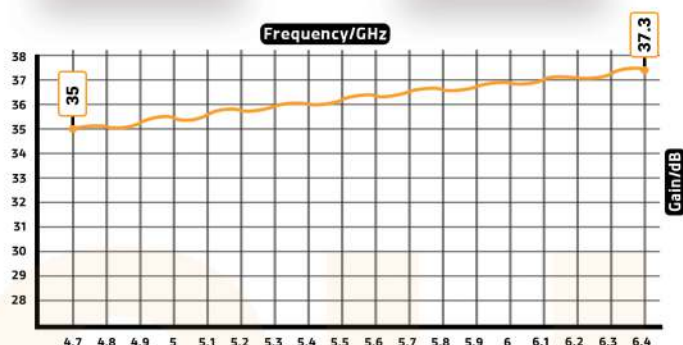
Easy Mount Kit





Equipped With a **Radome**

36



Product Model

PHASE-36ISO-X-HP

Antenna Type

Parabolic Solid Dish Antenna

Frequency Range

4.7 - 6.4 GHz

Impedance

50 Ω

Polarization

Vertical and Horizontal

Antenna Gain

36dBi

Weight

net: 15.1 kg

Connector Type

Twist-ON

Max/Min Gain

in 6400MHz(37.3dbi) & in 4700MHz(35dbi)

Front to Back Ratio

≥ 46 dB

S.W.R in Bandwidth

$\leq 1.4:1$ (TyP)

Single Unit Dimension

1250 $\times$ 1250 $\times$ 470mm

Operating Temperature

-40C° to +80C°

Wind Resistance

200/250 km/h

H/E plane beamwidth

2.6° in 5.5GHz

Materials

Aluminium Alloy and UV-Resistant Polymer

Mechanical Pan/Tilt

$\pm 15^\circ$

F/D Ratio

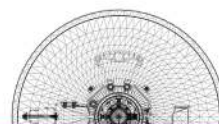
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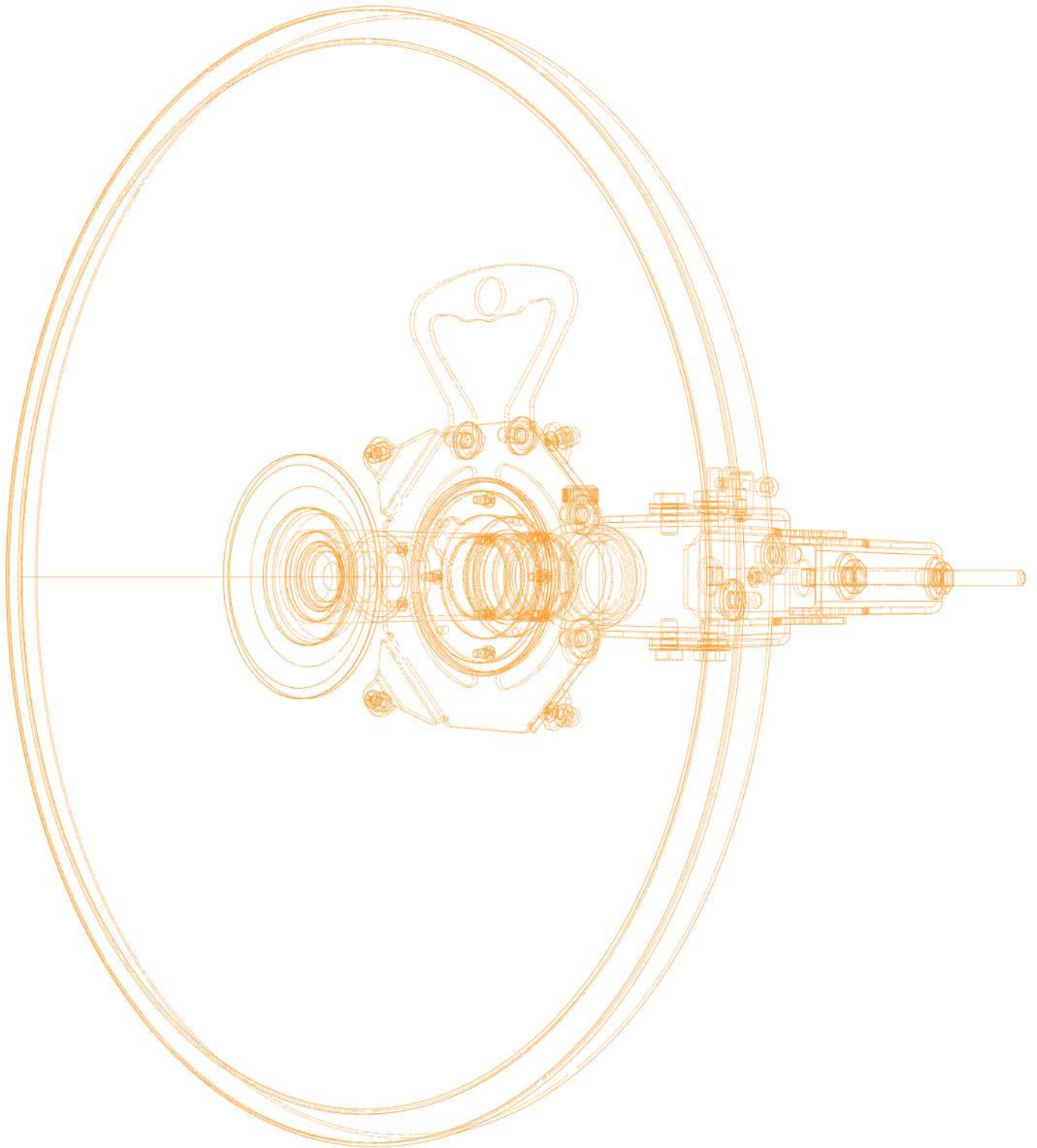
ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit











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