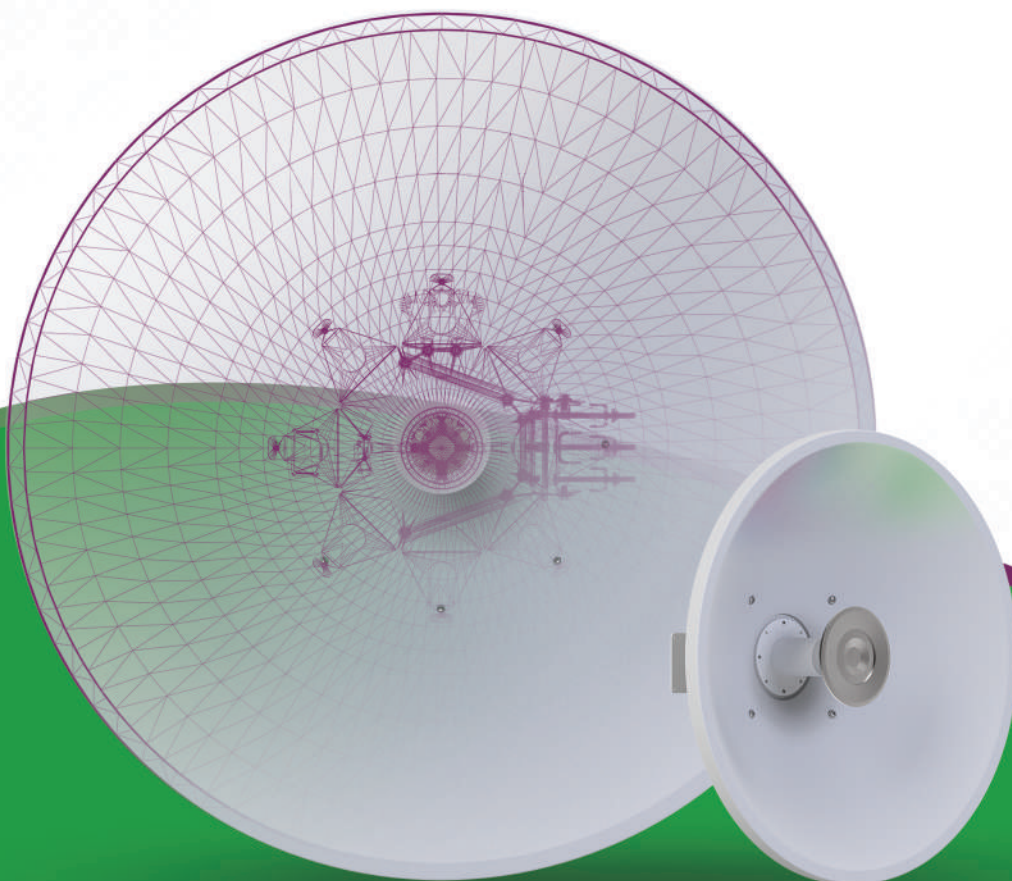




GHZ

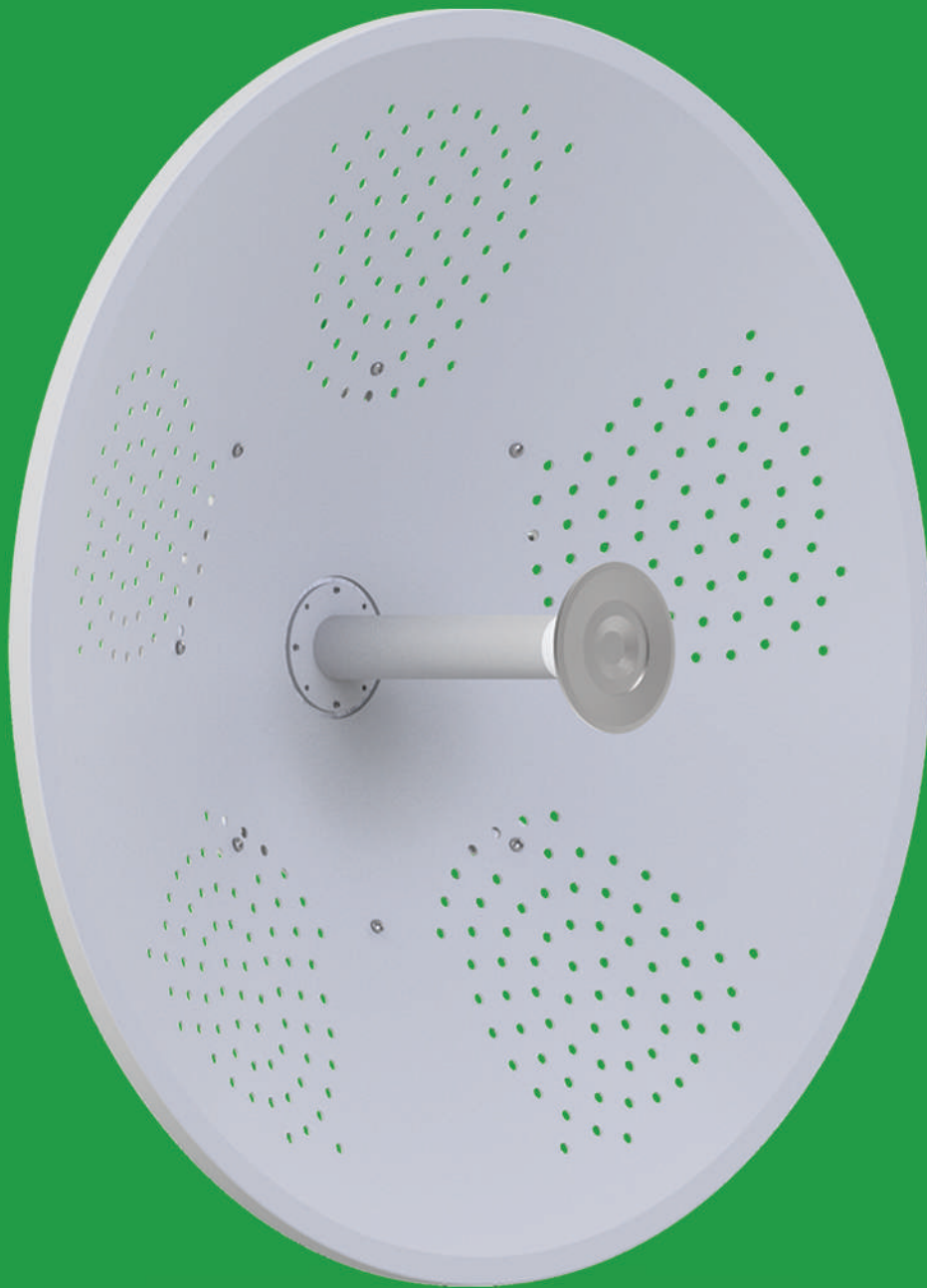
CATALOG

V 3.3.0



Phase





GHz Phase Antenna

فراموج سازان ارتباطات پارسیان

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 در باندهای فرکانسی HF، VHF، UHF، گیگاهرتز و مایکروویو پرداخته است. همچنین، تولید رادیوهای باند ۵ گیگاهرتز 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 ۶۰ مگاهرتز تا ۳۸ گیگاهرتز 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 سفارشی‌سازی محصولات، آماده همکاری با تمامی سازمان‌های دولتی و خصوصی برای توسعه ارتباطات پیشرفته در ایران می‌باشد.



WB SERIES

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

6G SERIES

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

X SERIES

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





6G WB X

سری **WIDE BAND** فاز



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

25

WB

Phase



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

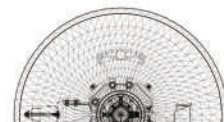
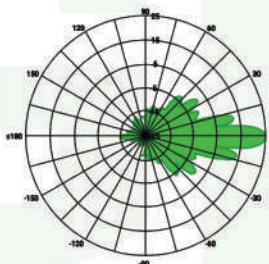
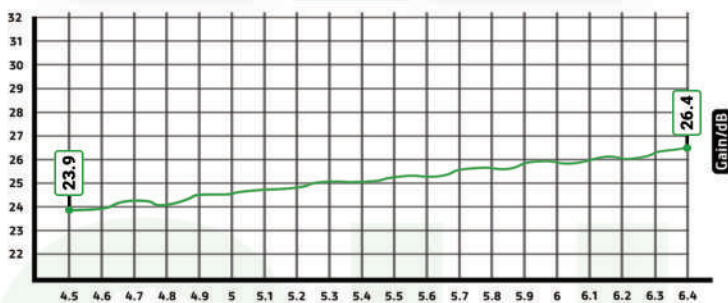
Mounting Kit Style

Easy Mount Kit

7



Frequency/GHz



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

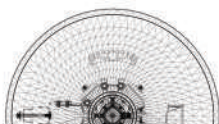
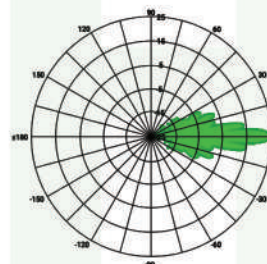
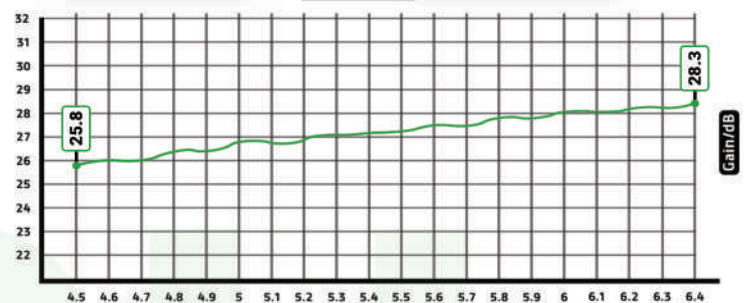
EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



Frequency/GHz



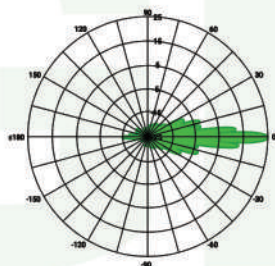
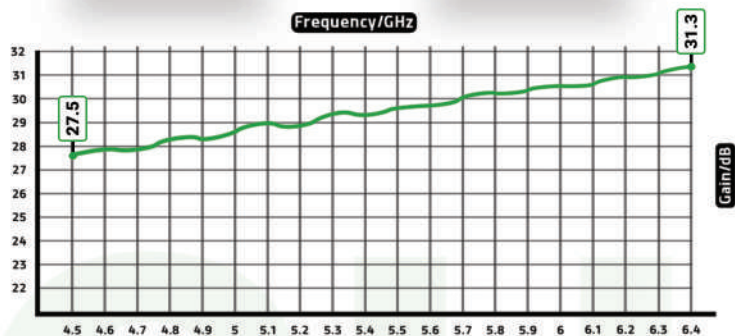
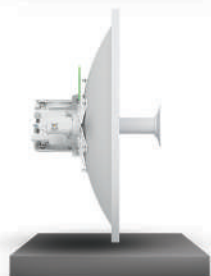
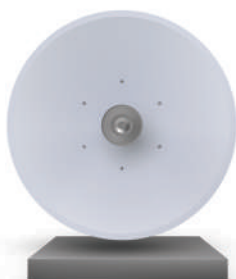


30

WB



Phase



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 $\times$ 650 $\times$ 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

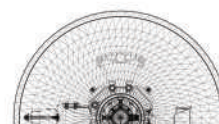
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ETSI Specification

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 $\times$ 670 $\times$ 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

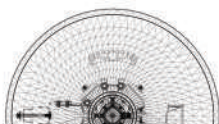
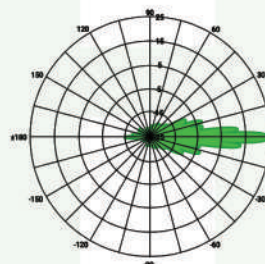
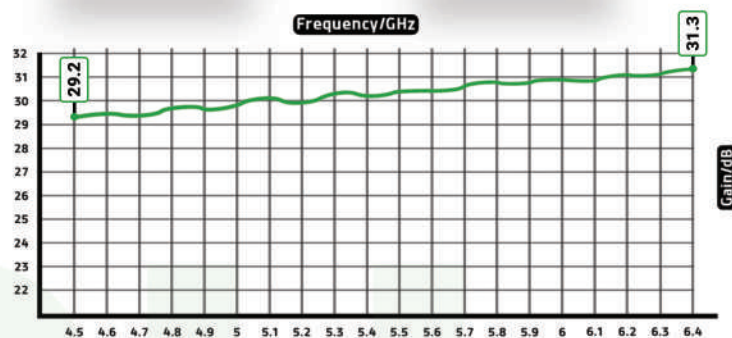
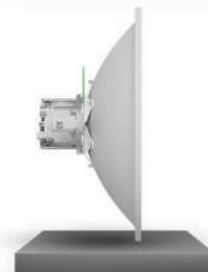
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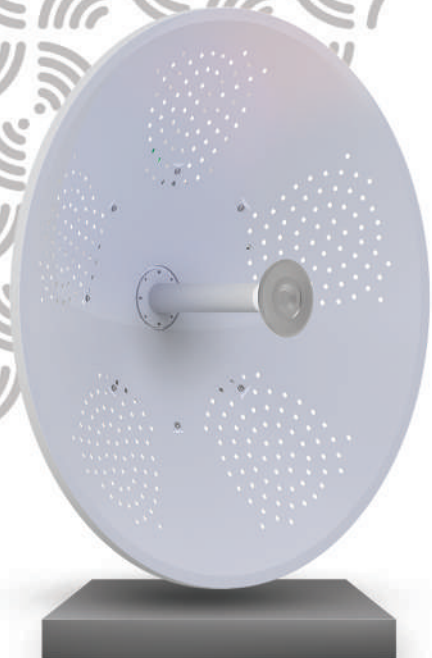
ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



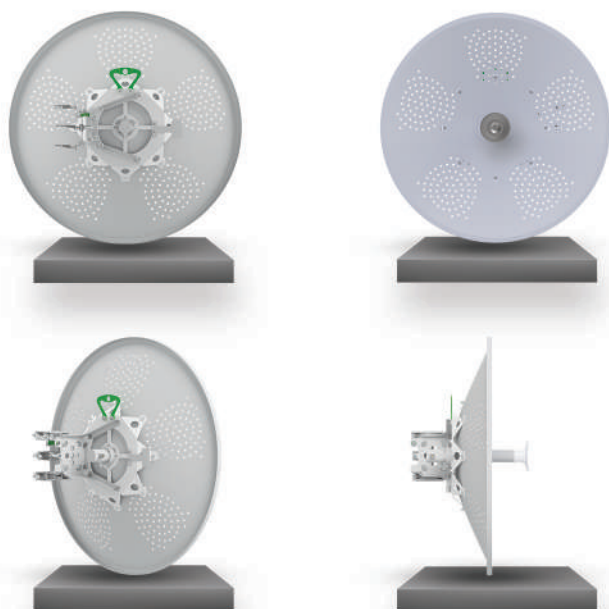


32

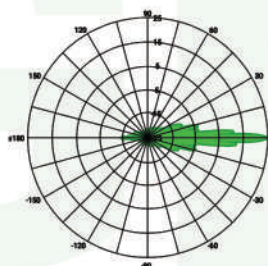
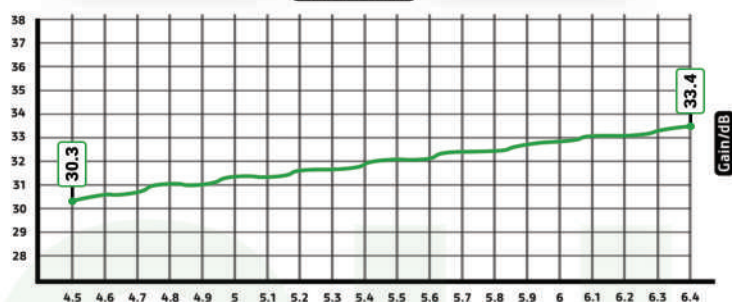
WB



Phase



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

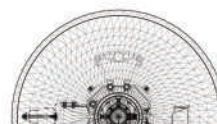
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ETSI Specification

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

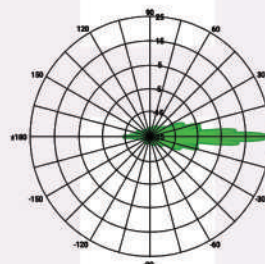
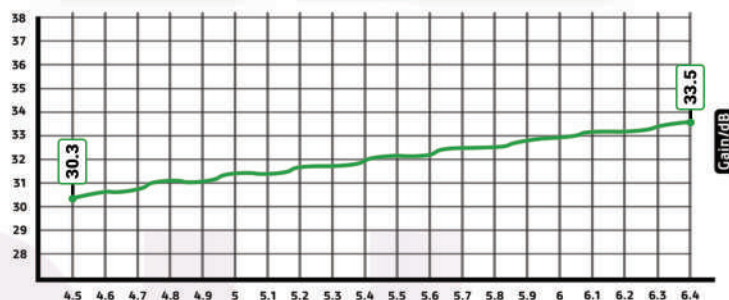
Easy Mount Kit



Equipped With a Radome



Frequency/GHz



34

WB

Phase



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

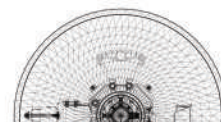
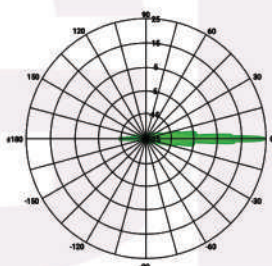
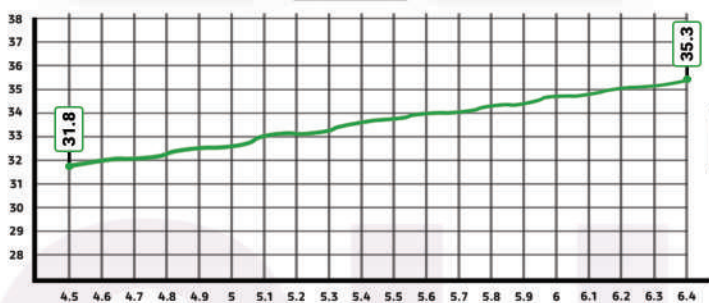
Mounting Kit Style

Easy Mount Kit

13



Frequency/GHz



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

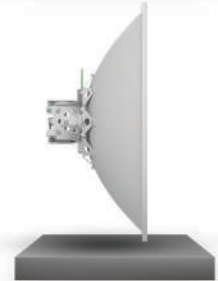
EN 302 326 DN2-DN5

Mounting Kit Style

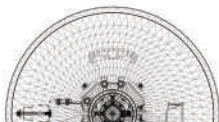
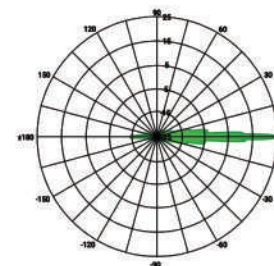
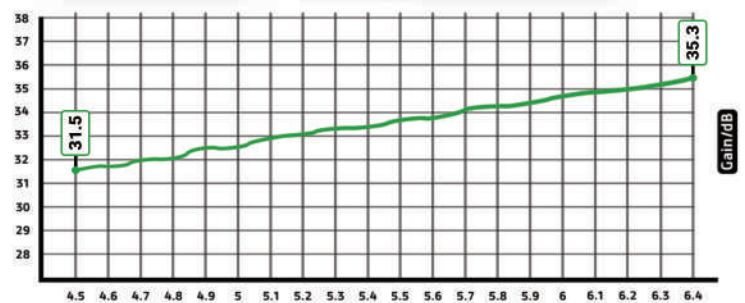
Easy Mount Kit



Equipped With a Radome

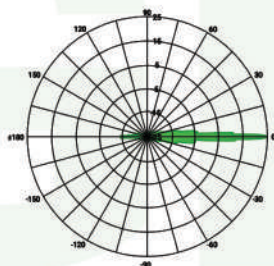
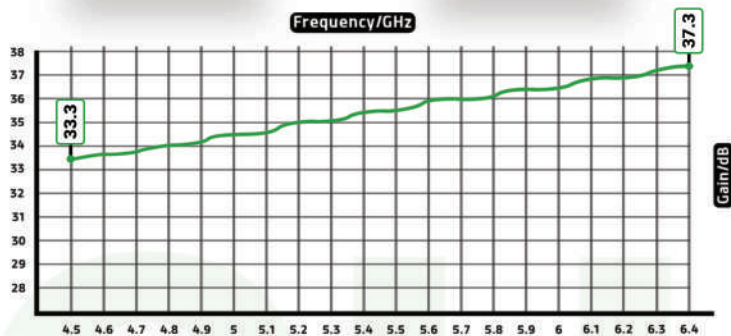


Frequency/GHz





Equipped With a **Radome**



36

Product Model

PHASE-36 ISO-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

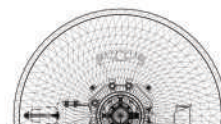
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

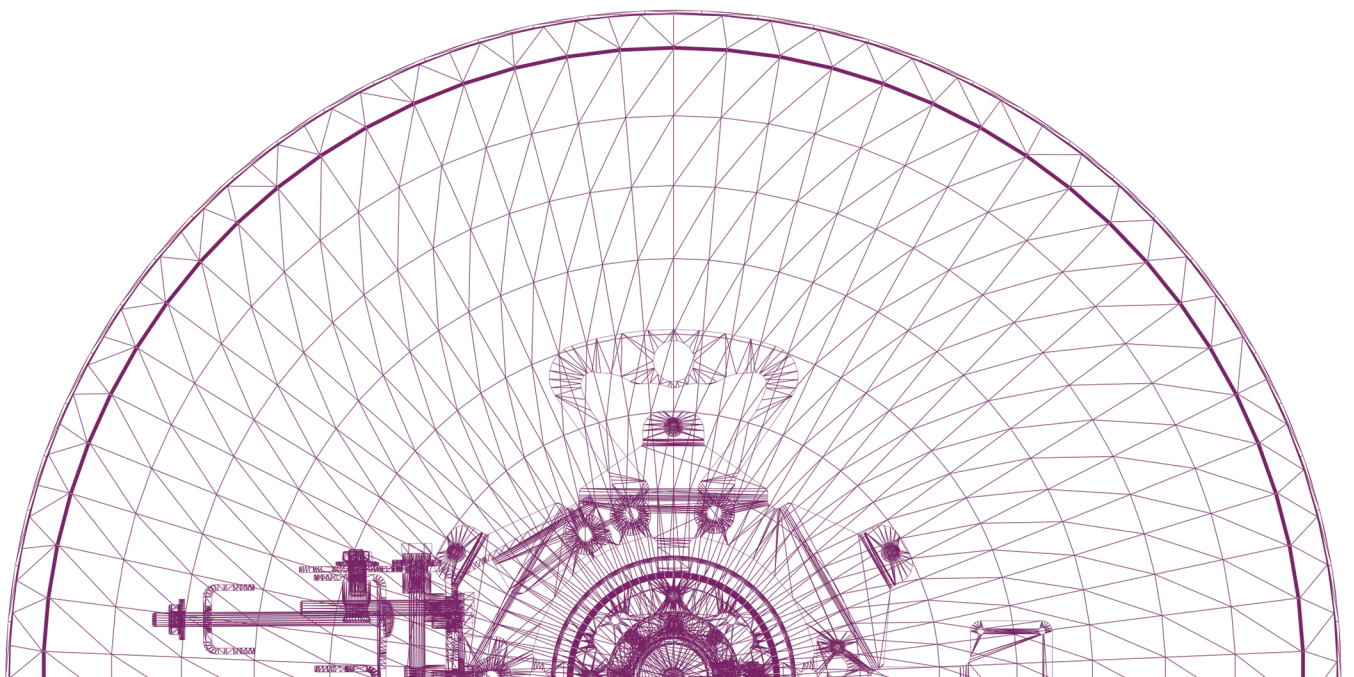


WB

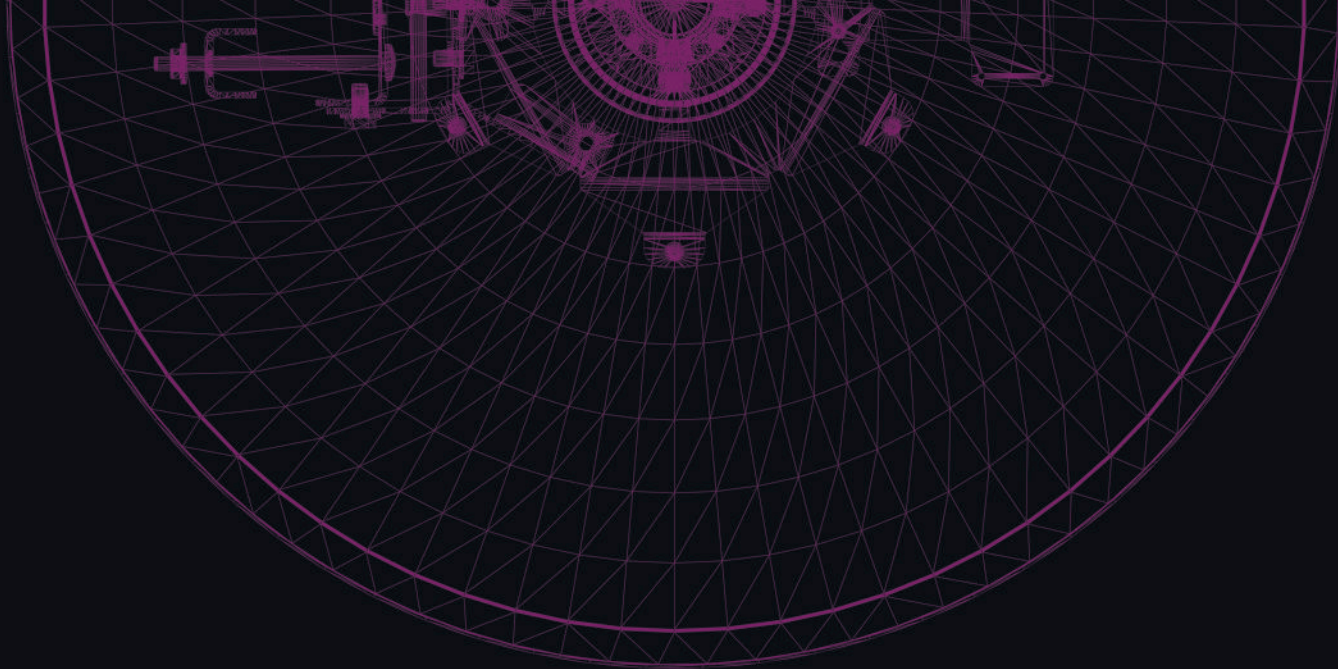
Phase



15







5G 6G X

سری 6G فاز

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



25

6G

Phase



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 $\times$ 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

0.25

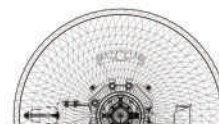
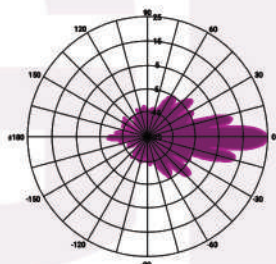
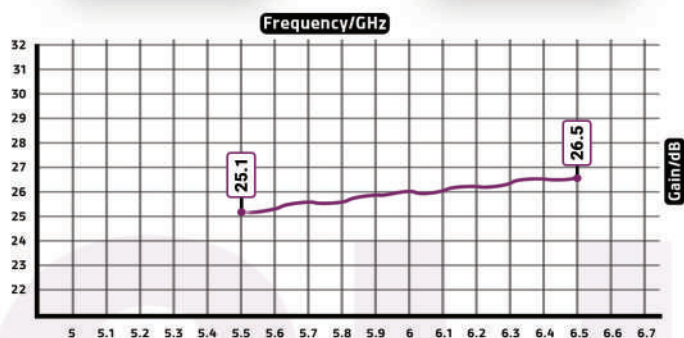
ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

19



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

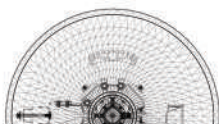
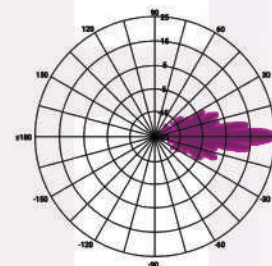
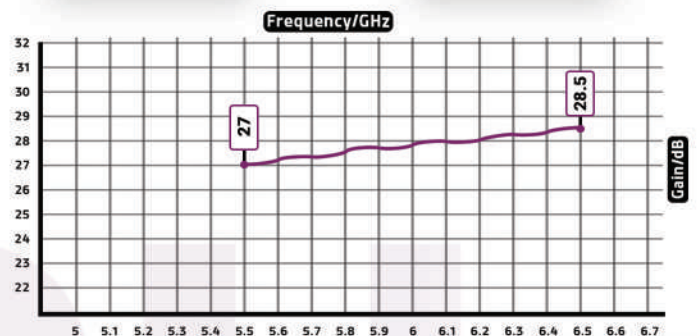
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



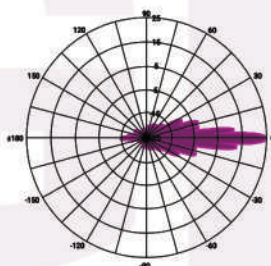
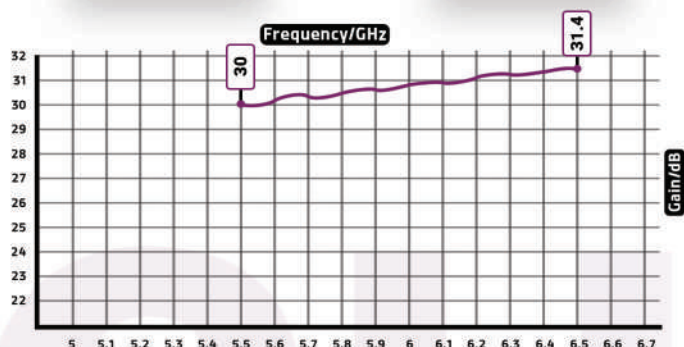
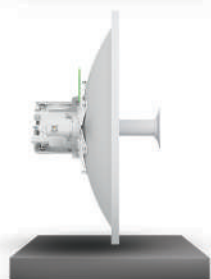
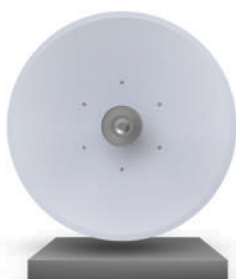


30

6G



Phase



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 $\times$ 650 $\times$ 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

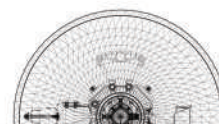
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ETSI Specification

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

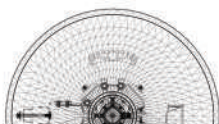
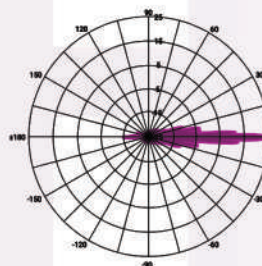
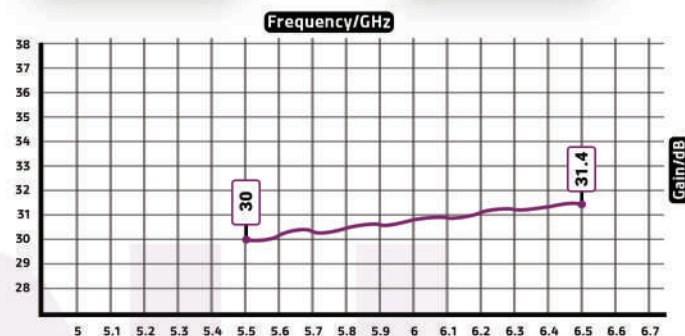
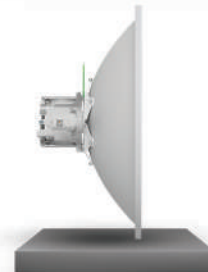
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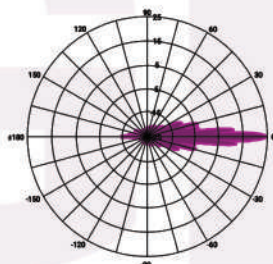
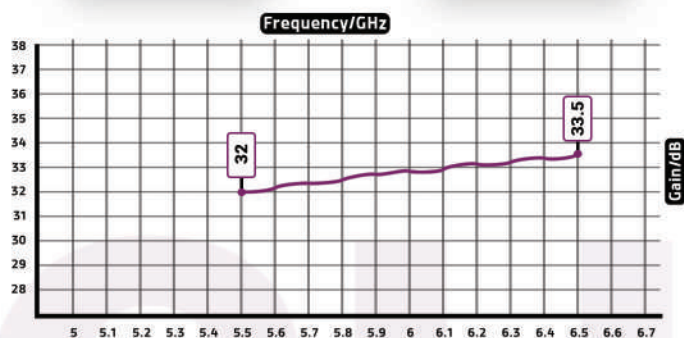
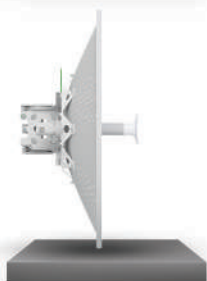
ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit





32

6G



Phase



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 $\times$ 890 $\times$ 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

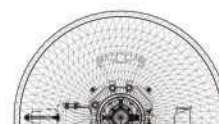
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ETSI Specification

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 x 890 x 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

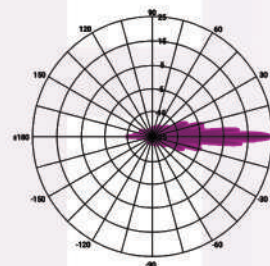
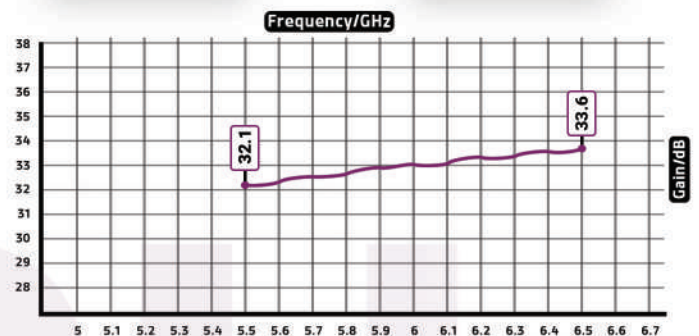
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



34

6G

Phase



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

0.36

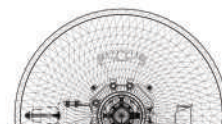
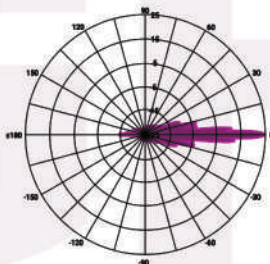
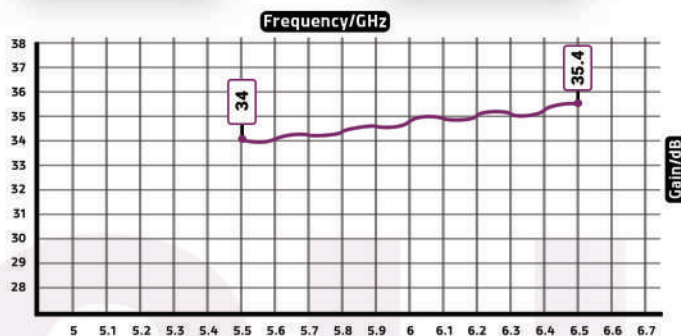
ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit

25



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

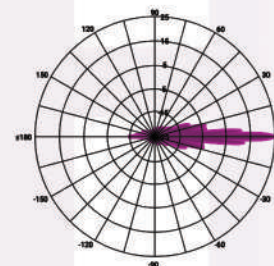
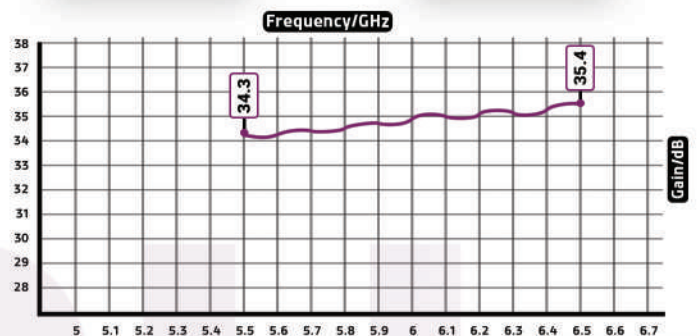
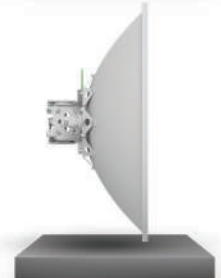
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ETSI Specification

EN 302 326 DN2-DN5

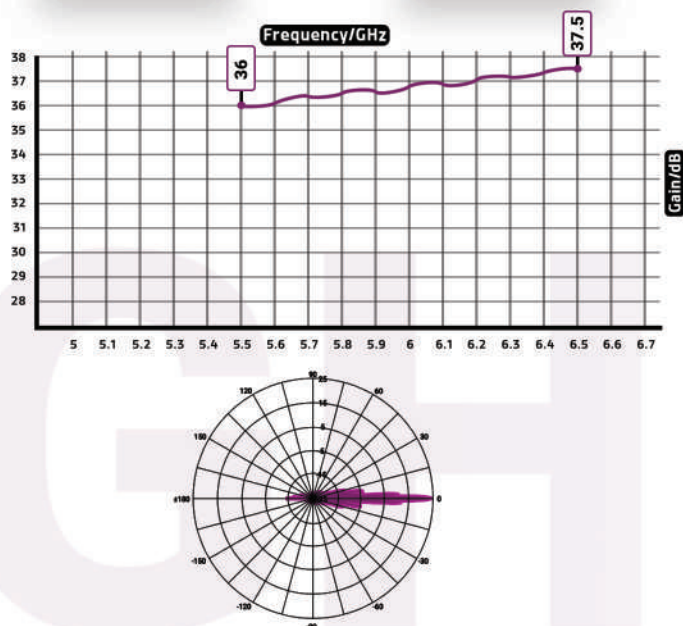
Mounting Kit Style

Easy Mount Kit





Equipped With a Radome



36

6G

Phase

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

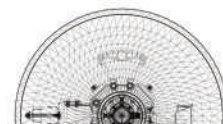
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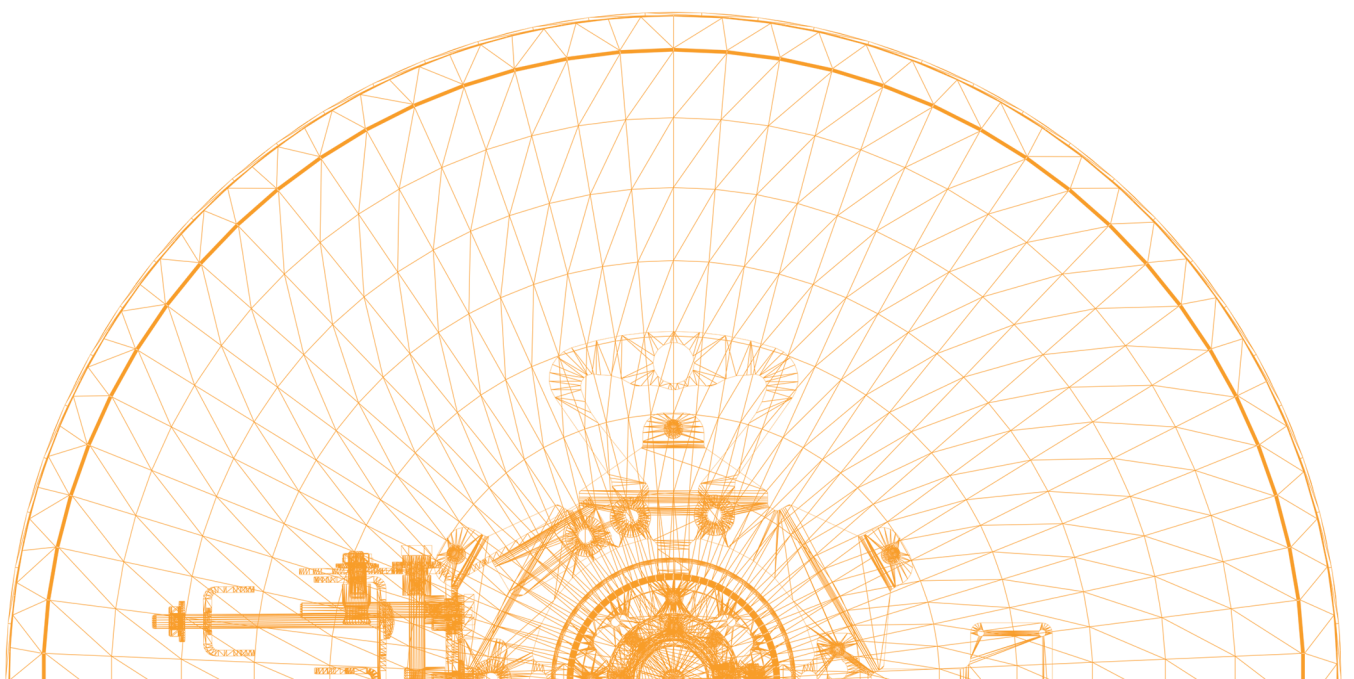
ETSI Specification

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

Phase



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 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

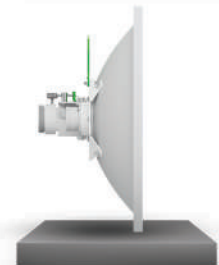
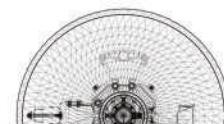
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ETSI Specification

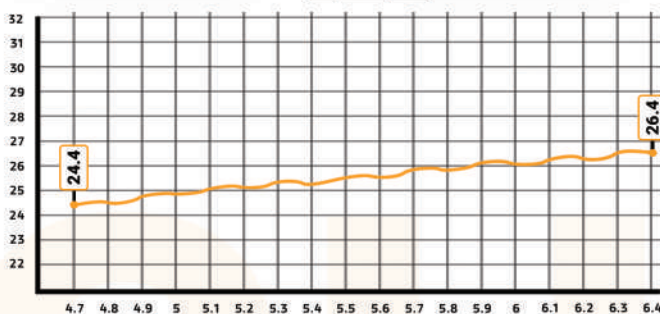
EN 302 326 DN2-DN5

Mounting Kit Style

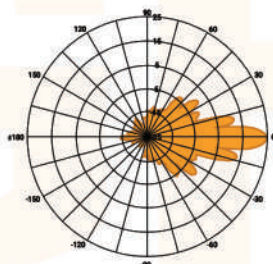
Easy Mount Kit



Frequency/GHz



Gain/dB



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 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

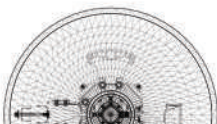
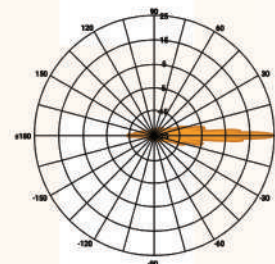
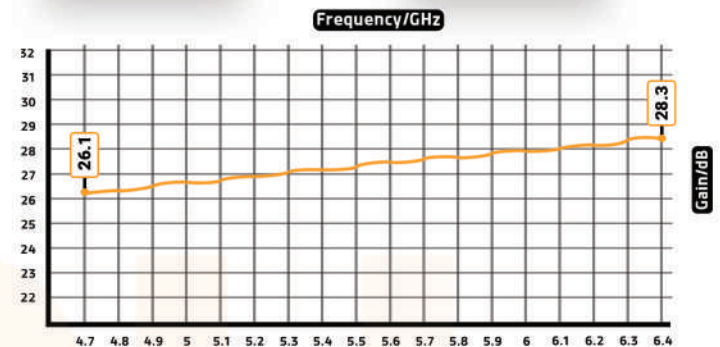
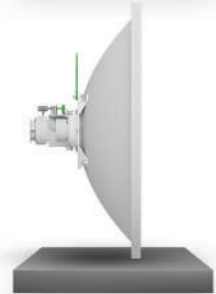
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



30

X

Phase



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

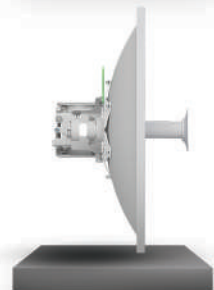
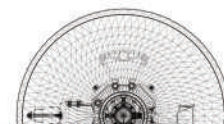
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ETSI Specification

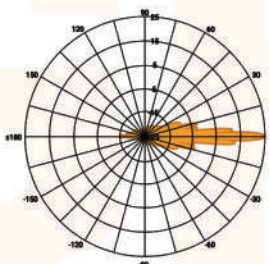
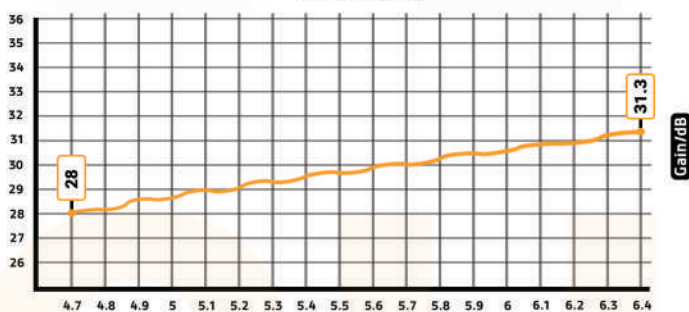
EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



Frequency/GHz



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

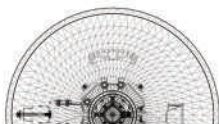
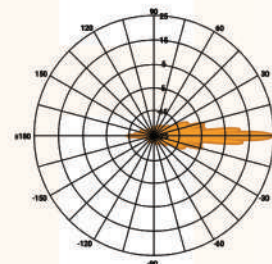
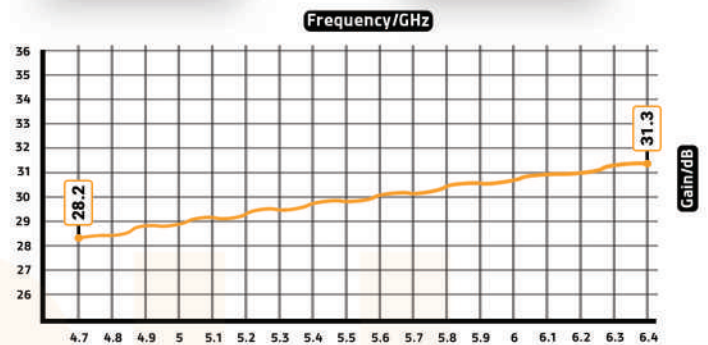
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



32

X

Phase



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 $\times$ 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

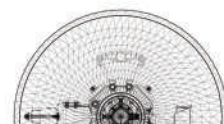
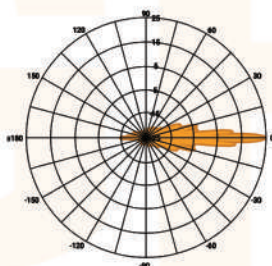
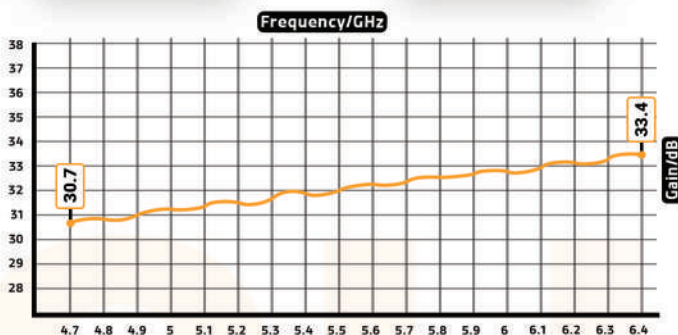
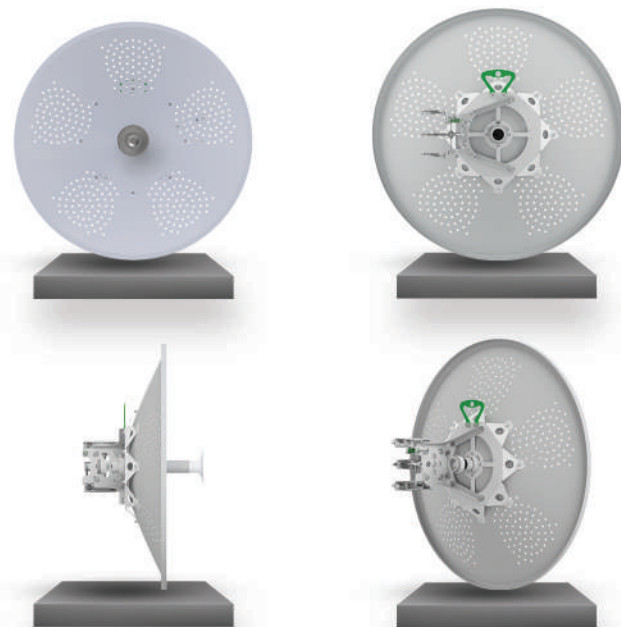
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ETSI Specification

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 x 895 x 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

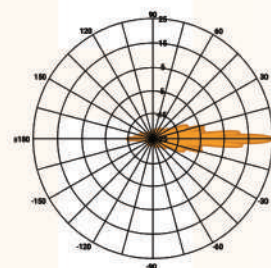
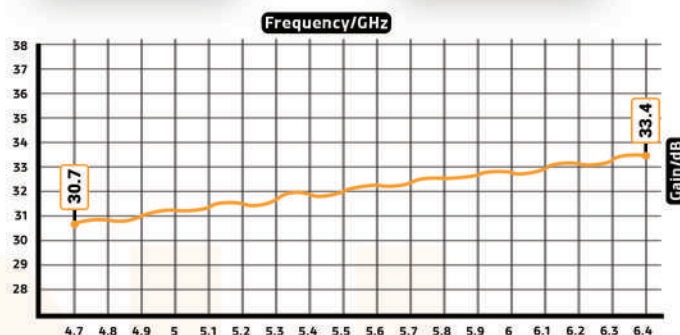
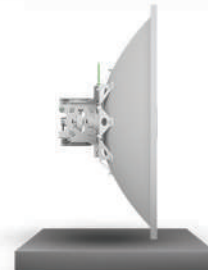
0.25

ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



34

X

Phase



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(32.1 dBi)

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

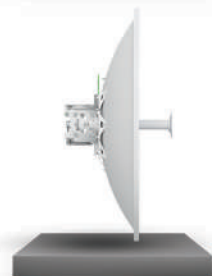
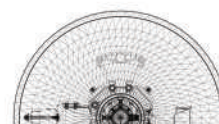
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ETSI Specification

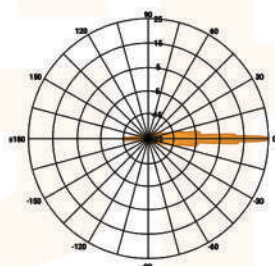
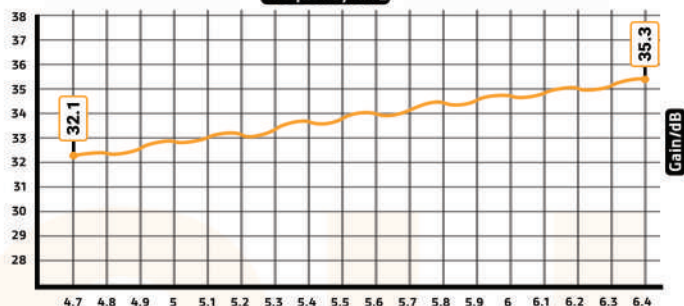
EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



Frequency/GHz



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

0.22

ETSI Specification

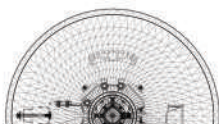
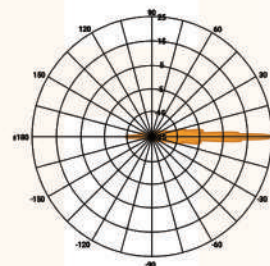
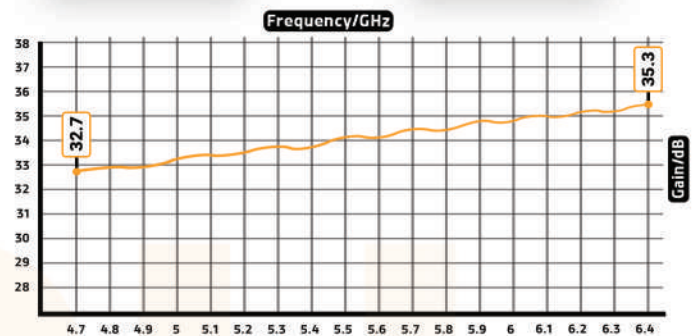
EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit



Equipped With a Radome





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 x 1250 x 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

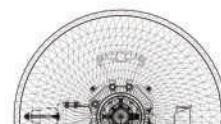
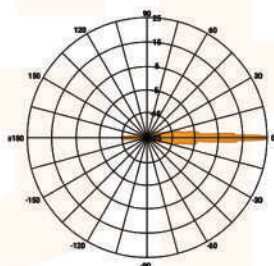
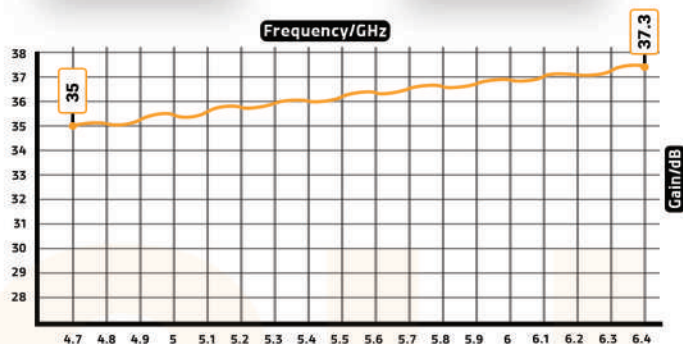
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ETSI Specification

EN 302 326 DN2-DN5

Mounting Kit Style

Easy Mount Kit







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تولیدکننده و تامین کننده انواع آنتن و تجهیزات مخابراتی



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