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StarterHorn A45 USMA RF ELEMENTS

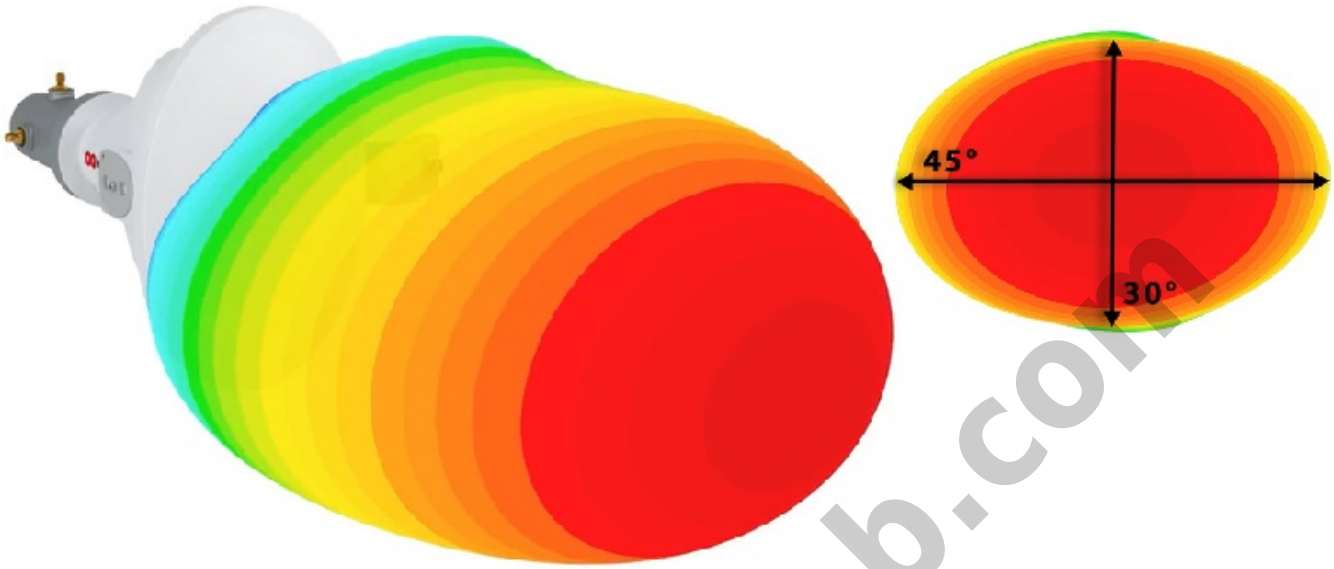
Kode : STH-A45-USMA
Brand : RF elements
Jenis : Wireless Antenna
Harga : Rp 1.400.000,00
~~Rp 1.940.000,00~~

StarterHorn A45 USMA - Cost effective horn sector antenna with excellent noise rejection. STH-A45-USMA is a scalar horn antenna with a asymmetrical radiation pattern. STH-A45-USMA has both waveguide and RP-SMA interface for easy connectivity. The StarterHorn™ A45 USMA is a convenient start for customers new to horn antenna technology requesting low initial investment.

StarterHornTM Sector Antenna

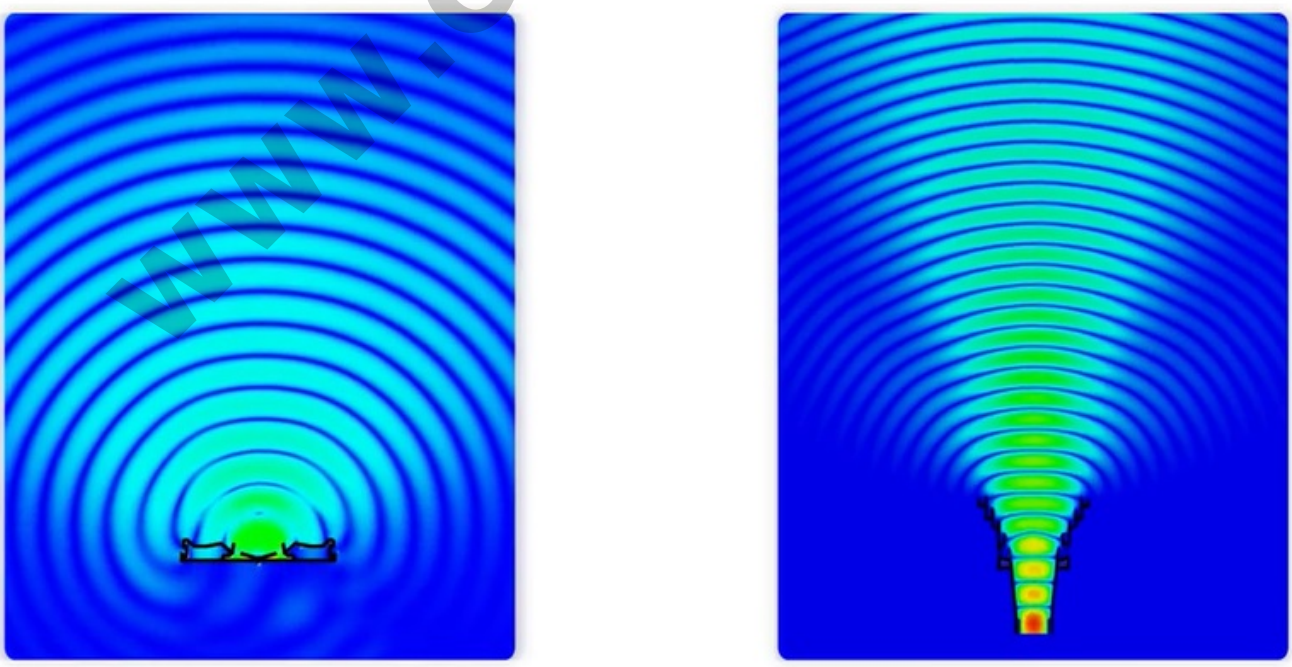
Excellent Beam Performance

The StarterHorn™ A45 USMA has unique radiation pattern. The main beam is asymmetrical, with elliptical cross-section: measured at -6dB, the azimuth beam width is 45° and elevation beam width is 30°.



Excellent Noise Immunity

Noise in unlicensed 5 GHz wireless networks is caused by the side lobes of widely used traditional patch array antennas. The StarterHorn™ A45 USMA has zero side lobes, ensuring efficient use of the spectrum. As a result, your wireless network does not suffer from high interference.



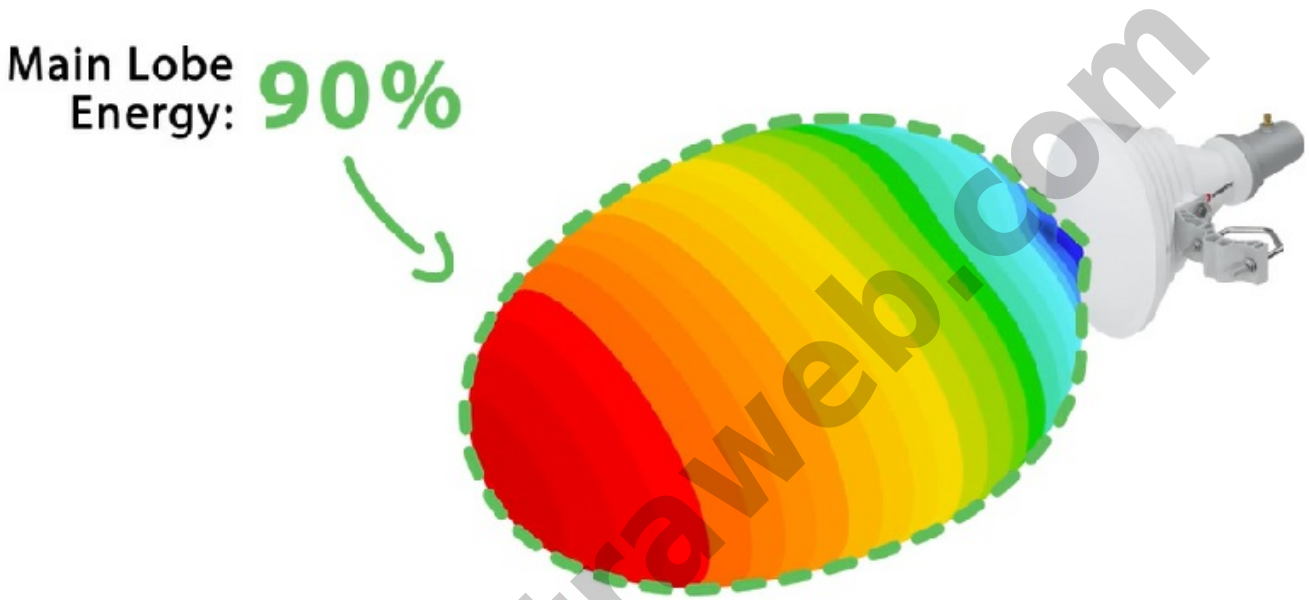
Competitor's Patch Array Sector

StarterHorn™ Antenna

High Beam Efficiency

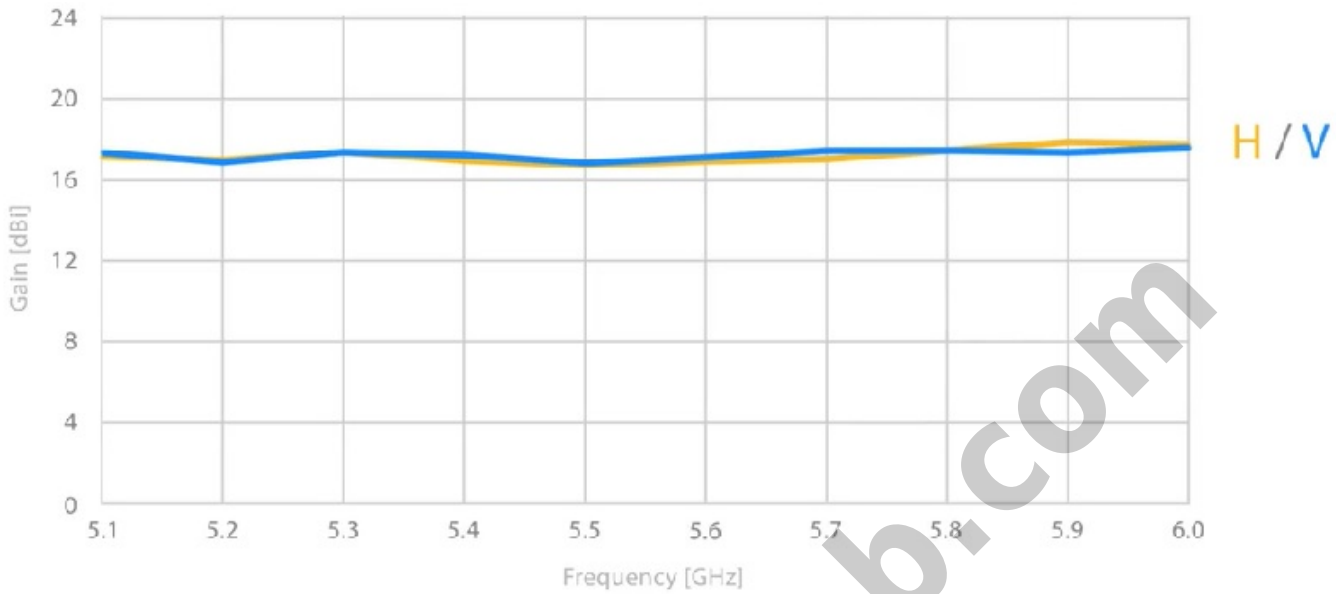
Beam Efficiency (BE) is a side lobes measure with values from 0 to 100%. The higher the BE, the less side lobes an antenna has.

StarterHorn™ A45° USMA has BE of 90 %, suppressing vast majority of interference and providing game changing throughput increase. For reference, BE of widely used patch array sector antennas rarely exceeds 58%!



Frequency Independent Beam Width and Gain

The shape of the main lobe and the gain of StarterHorn™ A45 USMA do not change with frequency. Antenna performance is rock solid stable over a wide span of frequencies between U-NII-1 and U-NII-3 bands. This is extremely important for WISPs planning their network deployments, as they can rely on antenna performance whenever changing a channel.



Powerful Co-Location Ability

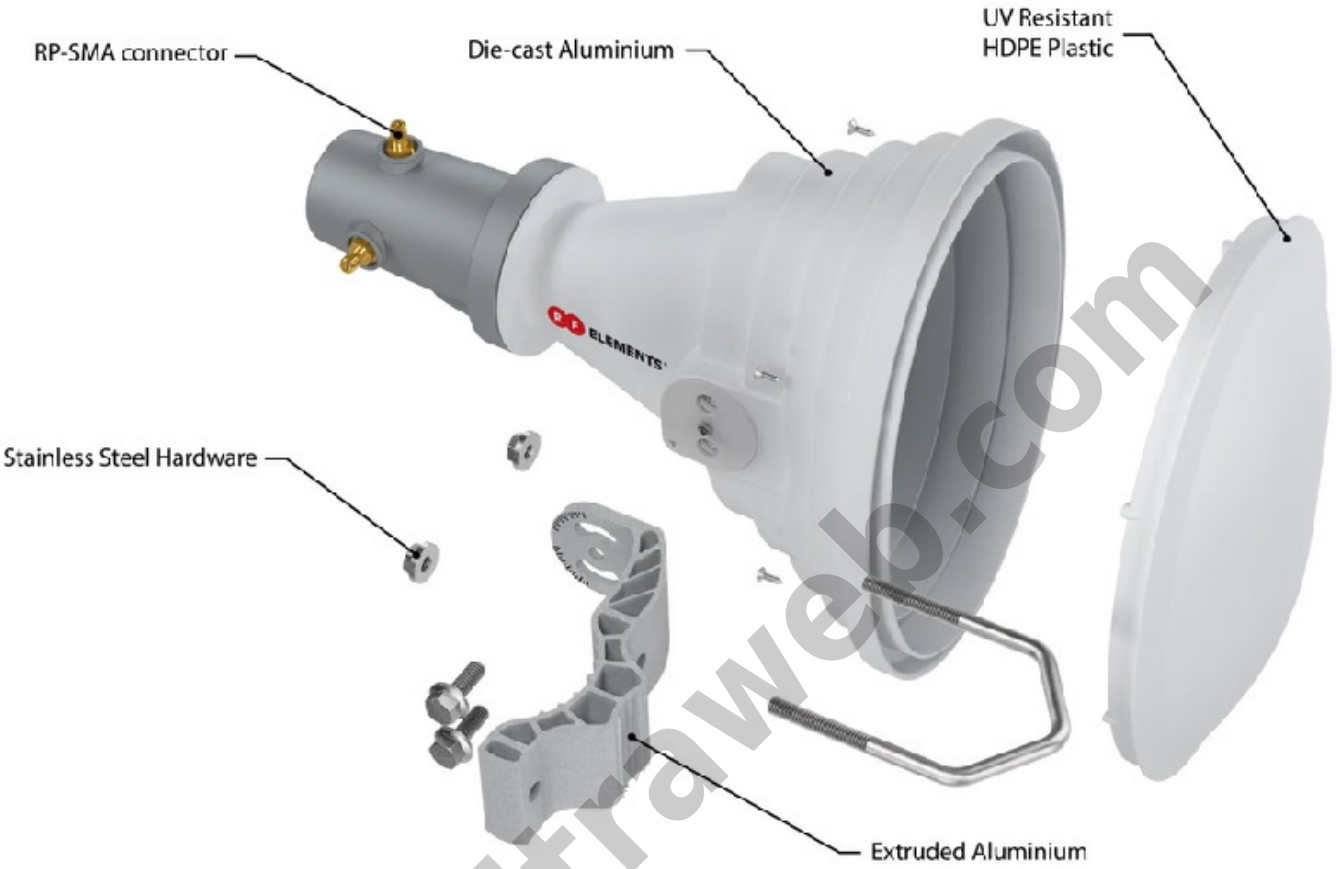
StarterHorn™ A45 USMA delivers excellent performance in dense co-location deployments. You can split poorly performing 90° sector into two 45° sectors with excellent performance using StarterHorn™ A45 sector antennas and offer higher throughput packages or connect more customers.

Flexible Connectivity

The StarterHorn™ A45 USMA offers a wide range of radio connectivity options. The RP-SMA ports are suitable for any radio with coaxial output. Additional waveguide port enables connectivity to IsoStation and PrismStation radios from Ubiquiti Networks.

Compact and Durable

The StarterHorn™ A45 USMA is built using premium materials, yet priced reasonably. Antenna is built of aluminum and therefore very light and compact. Mount is simple and functional with M6 stainless steel hardware.



Antenna Connection	RP-SMA Port, Waveguide Port
Antenna Type	Asymmetrical Horn
Materials	UV Resistant ABS Plastic, Polyethylene,
	Aluminium, Stainless Steel
Enviromental	IP55
Flame Rating	UL 94 HB
Pole Mounting Diameter	20-55 mm (recommend as close to 55 mm as possible)
Temperature	-30°C to +55°C (-22°F to +131°F)
Wind Survival	160 km/h
Wind Loading	34/27 N - Front/Side at 160km/hour
Effective Projected Area	281/223 cm2 - Front/Side

Mechanical Tilt	± 30°
Weight	0.9 kg / 1.9 lbs – single unit
	1.4 kg / 3.1 lbs – single unit incl. package
Single Unit	Retail Box: 238 × 245 × 163 mm / 9.4 x 9.6 x 6.4 inch
Frequency Range	5150 - 5950 MHz
Gain	17 dBi
Azimuth Beam Width -3 dB	H 31° / V 30°
Elevation Beam Width -3 dB	H 21° / V 20°
Azimuth Beam Width -6 dB	H 44° / V 45°
Elevation Beam Width -6 dB	H 30° / V 29°
Beam Efficiency*	90%
Front-to-Back Ratio	30db
COMPATIBLE WIRELESS PLATFORMS	
Ubiquiti Networks®	PrismStation™ 5AC, IsoStation™ 5AC, IsoStation™ M5
Other	Any radio with coaxial output

Download Datasheet

* *Harga, spesifikasi, dan ketersediaan bisa berubah dan tidak mengikat*

URL : https://www.citraweb.com/produk/935/

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