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Symmetrical Horn HG3-TP-S90 RF ELEMENTS



Kode : HG3-TP-S90
Brand : RF elements
Jenis : Wireless Antenna
Harga : Rp 1.860.000,00
~~Rp 2.350.000,00~~

Symmetrical Horn TP Antennas are scalar horn antennas with a symmetrical beam radiation pattern and game-changing TwistPortTM (TP) connector.
*tidak termasuk TwistPort Adaptors

Penawaran Harga Spesial
08112039555

Unique Beam Performance

Symmetrical Horn TP Antennas have a unique beam shape and characteristics. The beam section is circular: azimuth and elevation radiation angles are identical.

No Side Lobe

Symmetrical Horn TP Antennas have no side lobes, they literally focus energy into one main signal beam. Such behavior saves the most important resource in wireless - the spectrum. Thanks to these unique radiating properties, the radio collects and propagates significantly less noise in comparison to current mainstream sector antennas. The problem of noise is directly connected to antenna side lobes - basically an unavoidable feature in most competitive products. Symmetrical Horn TP Antennas behave differently, being basically "deaf" outside their main beam.

Wideband Performance

The beam pattern does not vary with frequency and the antenna gain is balanced over a very wide frequency range. These features make Symmetrical Horns TP antennas excellent sector antennas.

Excellent Gain Across Spectrum

Symmetrical Horn TP Gen2 Antennas cover an ultra-wideband spectrum: 5180-6400 MHz!

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Coverage Without Null

Mainstream sector antennas have a radiation pattern that is very wide in azimuth cut but very flat in elevation cut. If an AP is too high, the customers that are too close will suffer from low AP signal.

Breakthrough Scalability

Symmetrical Horn TP Antennas offer breakthrough scalability of wireless systems. Unique beam performance and great co-location characteristics allow for a higher density of sectors than a traditional sector technology.

Symmetrical Horn TP Antennas come with precise radiation angles, ranging from 30 to 90 degrees: a wide range of models suitable for any situation.

TwistPort Connector

Symmetrical Horn TP Antennas feature our industry-changing TwistPort™ connector, a patent-pending quick-locking waveguide port.

TwistPort™ is virtually lossless: with radios built according to our Reference design, there are no coaxial RF connectors or RF cables that cause signal loss. Connecting radios is brilliantly simple - “twist and lock” - all done with one hand!

Cross-Platform Compatibility

Wide range of TwistPortTM Adaptors enables connection of the most popular connectorized radios of third party vendors, such as UBNTTM, MimosaTM, MikroTikTM or Cambium NetworksTM, directly to any TwistPortTM-enabled antenna.



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Robust and Durable

Symmetrical Horn TP Antennas are solid aluminium bodies that are built to last and to resist any weather conditions. We use only the best materials: die cast, stamped and extruded aluminium; high quality ABS plastic, high density polyethylene; and stainless steel hardware.

Seven Different Radiation Angles

Symmetrical Horn TP Gen2 Antennas offer a wide selection of seven different radiation angles covering 30° - 90° with 10° steps. This worldwide unique feature allows network builders to follow the golden rule of wireless networking: to choose the right antenna for the particular job.

While competitors limit their offering to literally a couple of sector antennas, RF elements provides a wide selection of coverage patterns so you can achieve sector coverage exactly as you need it. This is an essential base for increasing throughput and scaling your wireless networks.

Spesifikasi

Antenna Connection	TwistPort - Quick Locking Waveguide Port
Antenna Type	Horn
Materials	UV Resistant ABS Plastic, Polycarbonate, Polypropylene, Aluminium, Stainless Steel
Enviromental	IP55
Flame Rating	UL 94 HB
Pole Mounting Diameter	30-80 mm (recommend as close to 80 mm as possible)
Temperature	-30°C to +55°C (-22°F to +131°F)
Wind Survival	160 km/h
Wind Loading	23/9 N - Front/Side at 160km/hour
Effective Projected Area	189/75 cm2 - Front/Side
Mechanical Tilt	± 25°
Weight	1.4 kg / 3.0 lbs – single unit
	2.2 kg / 4.8 lbs – single unit incl. package
Single Unit	Retail Box: 305 × 239 × 183 mm / 12 x 9.4 x 7.2 inch
Frequency Range	5180 - 6400 MHz
Gain	9.6 dBi

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Azimuth Beam Width -3 dB	H 67° / V 67°
Elevation Beam Width -3 dB	H 67° / V 67°
Azimuth Beam Width -6 dB	H 90° / V 90°
Elevation Beam Width -6 dB	H 90° / V 90°
Beam Efficiency*	92%
Front-to-Back Ratio	28db
COMPATIBLE WIRELESS PLATFORMS	
Other	Any Twisport Adaptor

Download DataSheet

Download UserGuide

Link calculator

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

URL : https://www.citraweb.com/produk/970/

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