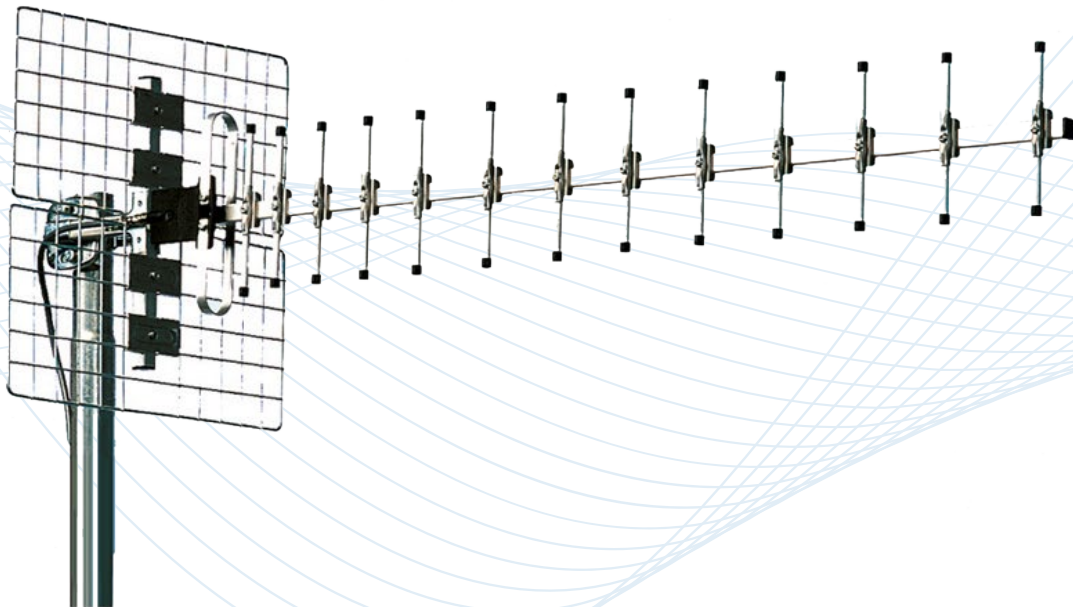


Smarteq™ Yagi 15-Element High Gain Antenna

ISM/LoRa/LPWAN Antennas - Yagi

ACY15



Description

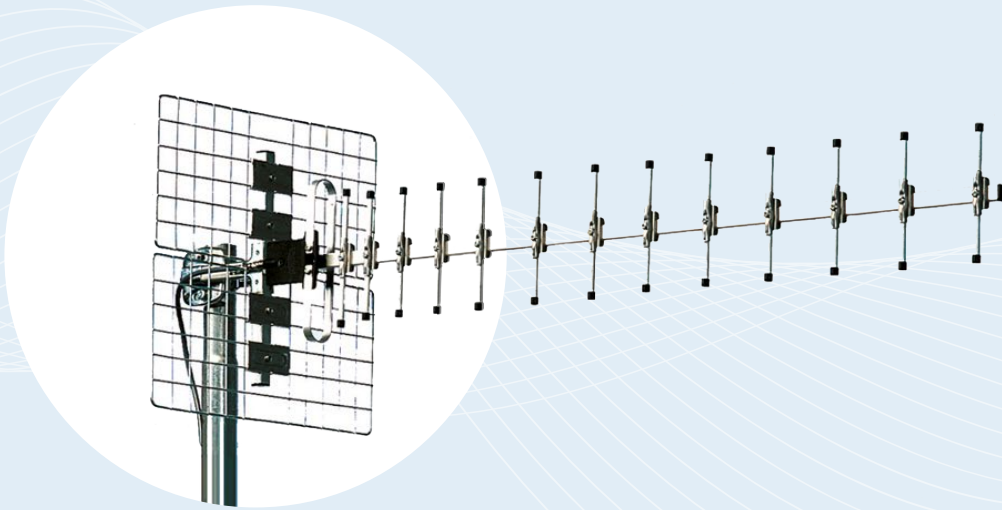
A high gain directional antenna for secure and long range connectivity.

Technologies

- ISM
- LoRa
- LPWAN
- Cellular

Features

- Directional antenna
- Wall mounted
- Frequency: 800-960MHz
- Gain: 15dBi
- DC-grounded



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The Smarteq™ ACY15 high gain directional antenna is designed for enhanced directional RF coverage in the frequency range 800-960 MHz. It meets rigorous criteria for outstanding performance and extended operating range in mobile phone networks. Long service life is ensured by high-quality materials and a molded watertight balun.

Features

- Directional antenna
- Wall mounted
- Frequency: 800-960MHz
- Gain: 15dBi
- DC-grounded

Applications

- Smart Cities
- EV Charging
- Small Cells
- Industrial IoT

Certifications



SPECIFICATIONS



Smarteq™ Yagi 15-Element High Gain Antenna

ISM/LoRa/LPWAN Antennas - Yagi

Electrical Specifications

Frequency Ranges	800 – 960MHz
Nominal Impedance	50Ω
Polarization	Vertical
VSWR	2:1
Gain	15dBi
F/B ratio	>20 dBd
Max. Power	16W

Mechanical and Environmental Specifications

Physical

Dimensions	1005x420x410mm
Weight	950g
Material	Aluminium alloy, Steel net
Connector*	FME (m)*
Color	Aluminium
Installation	Mast mount
IP Class	IP65
Wind Speed	30 m/s
Flat Plate eq.	0,07 m ²
Operating Temperature	-40°C to +85°C
Ambient Humidity	Max 98%
Certification	RoHS compliant

*Different cables and connectors upon request.
For more information on how the ACY15 can be customized to your requirements, please contact us.

CONTACT US

**For more information about
this product contact your
sales representative or visit
> pctel.com/antenna-products**

Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



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