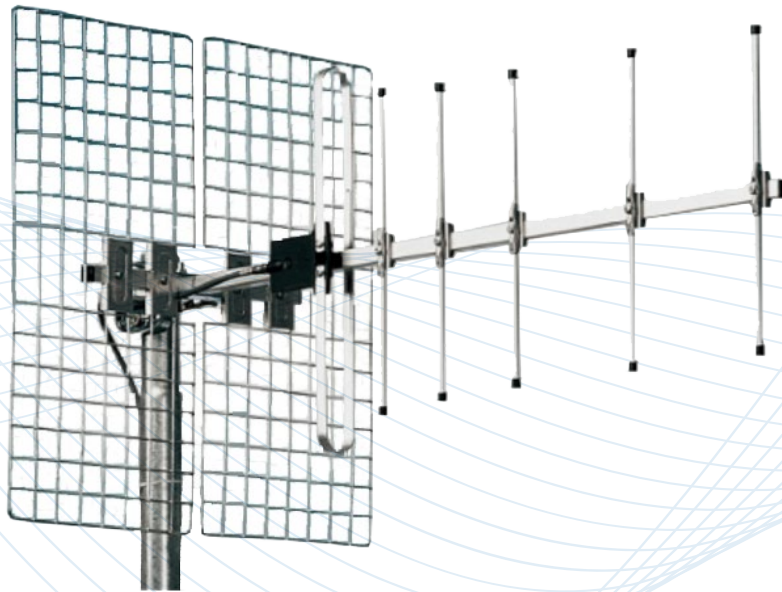


Smarteq™ Yagi 7-Element High Gain Antenna

LTE450/CDMA450/TETRA/ISM433/444 - Yagi

ACY7



Description

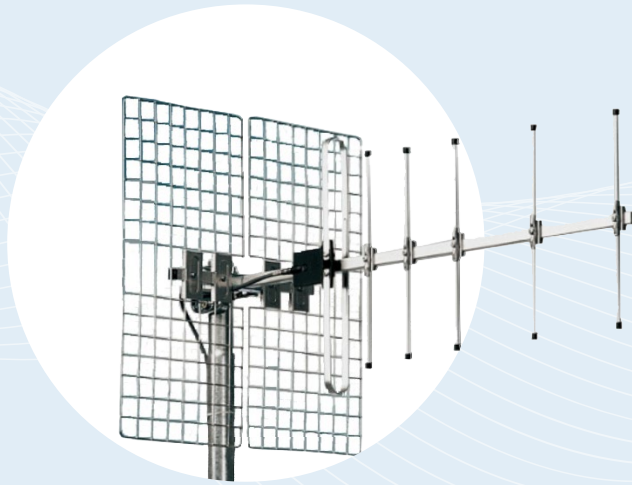
A high gain directional antenna with 7 elements for secure and long range connectivity.

Technologies

- LTE 450
- CDMA 450
- TETRA
- ISM 433/444

Features

- Directional high gain antenna
- Frequency: 380-470MHz
- Gain:10dBi
- Pole mounted
- DC-grounded



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The Smarteq™ ACY7 is a pole mounted directional antenna with high gain 10dBi in the frequency range of 380-470MHz. Designed to be used in harsh environments.

Features

- Directional high gain antenna
- Frequency: 380-470MHz
- Gain:10dBi
- Pole mounted
- DC-grounded

Applications

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

Certifications



SPECIFICATIONS



Smarteq™ Yagi 7-Element High Gain Antenna

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Electrical Specifications

Frequency Range	380-470MHz
Impedance	50Ω
Polarization	Vertical or Horizontal (<i>Depending on installation</i>)
VSWR	< 2.0:1
Gain @ 410MHz	10dBi
F/B ratio	>18dB
Beam width	70°
Max. Power	15W

Mechanical and Environmental Specifications

Physical

Dimensions (L x W x H)	755 x 420 x 410mm
Weight	1030g
Connector	FME-m
Material	Aluminum
Installation	Pole (Ø 35-54mm)
Max. Wind Speed	30m/s
Flat Plate eq.	0.045m²
Temperature	-40°C to +70°C
Certifications	RoHS compliant

CONTACT US

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

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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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