

# ACY7

## Directional Antenna



ACY7 is a pole mounted directional antenna with high gain 10dBi in the frequency range of 380-470MHz.

Designed to be used in rough conditions with high quality materials and overmolded watertight balun.

- 380-470MHz
- High Gain 10dBi
- Easy to install
- Overmoulded balun

## Specifications

### Electrical

Frequencies	380-470MHz
Impedance	50Ω
Polarization	Vertical or Horizontal Depending on installation
VSWR	< 2.0:1
Gain@410MHz	10dBi
F/B Ratio	>18dB
Beam width	70°
Max power	15W

Dimensions (L x W x H)	755 x 420 x 410mm
Connector	FME(m)
Weight	1030g
Material	Aluminum
Max wind speed	30m/s
Temperature	-40 to +70 °C
Installation	Pole (Ø 35-54mm)

### Other

This part is RoHS compliant.

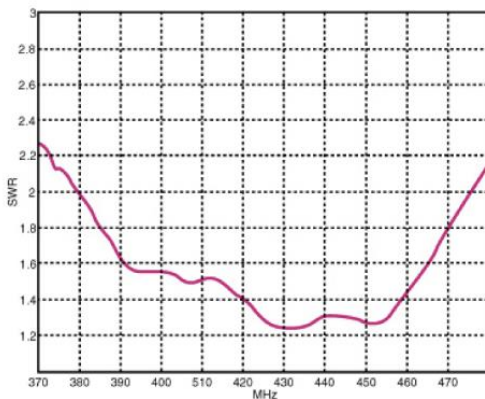
### Part number

ACY7

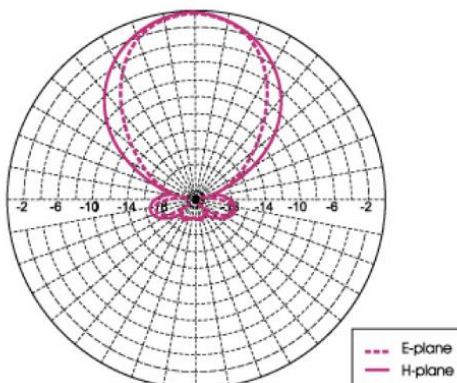
Smarteq reserves the right to change specifications without prior notice.

Smarteq, based in Stockholm, Sweden, is a leading developer of antennas and antenna systems for increased availability. Smarteq aims towards the market segments industry, energy and vehicles.

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Typical VSWR diagram



Typical radiation pattern

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