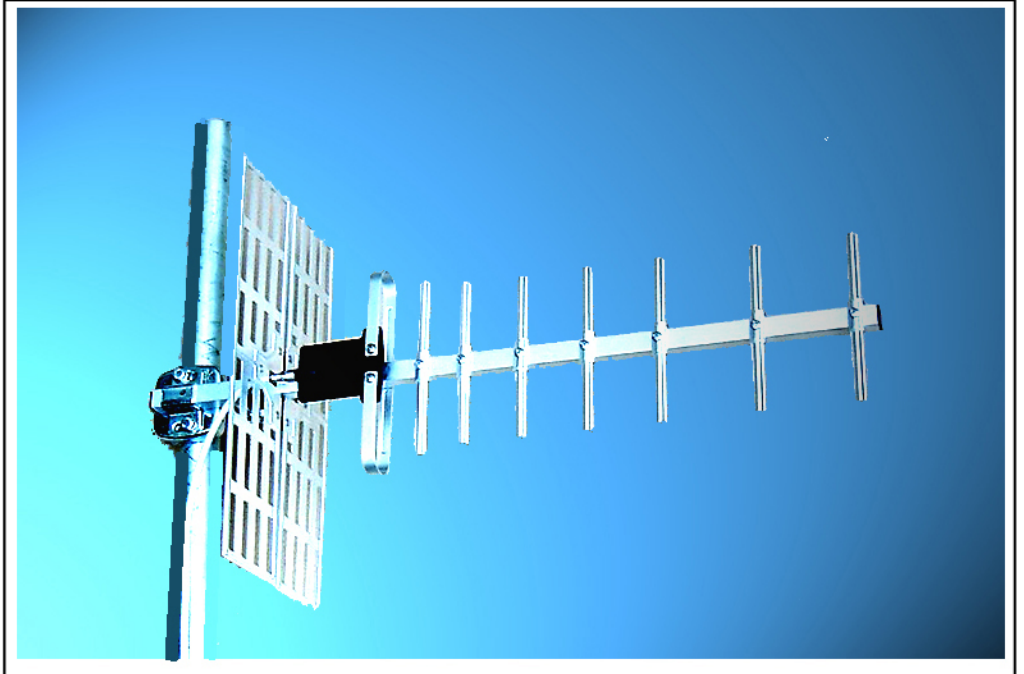




ACY9-L

Broadband high-gain directional antenna, 800-960 MHz



Extended network range, long service life

The ACY9-L directional antenna is designed for enhanced broadband directional RF radiation in the frequency range 800-960 MHz. It meets rigorous criteria for high performance and extended operating range in fixed wireless networks.

Long service life is ensured by high-quality materials and a moulded watertight balun.

The Carant ACY series of outdoor wall-mounted antennas has been developed specifically for fixed wireless networks. ACY antennas have demonstrated outstanding performance and reliability worldwide, in commercial networks from leading international suppliers of tele-communications equipment.

Carant antennas support all major standards used in fixed wireless networks.

Benefits

- Excellent performance at very competitive price
- Long service life
- DC-grounding to protect subscriber equipment
- Easily installed and aligned
- Ready to use, no assembly required

 **Carant**



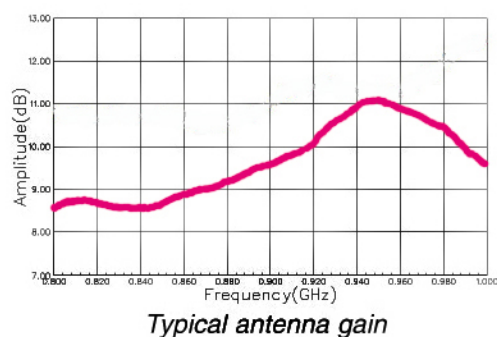
ACY9-L



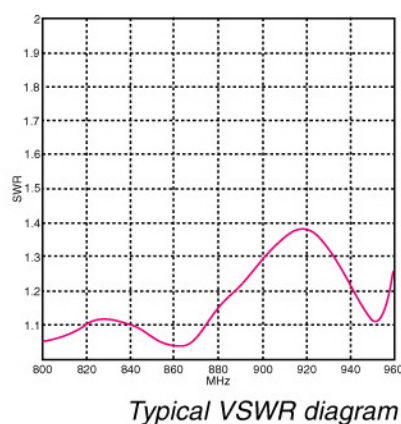
SPECIFICATIONS

Broadband high-gain directional antenna, 800-960 MHz

ELECTRICAL DATA	
Frequency range	800-960 MHz
Nominal impedance	50 Ω
Gain	11 dBi @ 900 MHz
See figure at right	
VSWR	< 1.5
F/B ratio	> 15 dB
Maximum input power	6 W
Polarization	Vertical
Connector type	FME-m



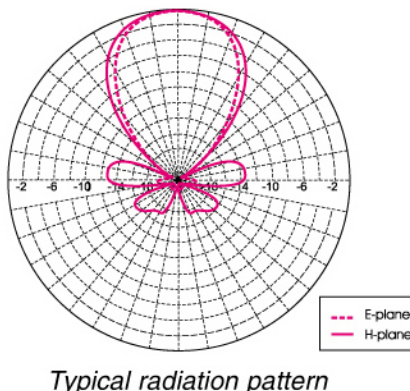
MECHANICAL DATA	
Support boom material	Aluminium alloy
Element material	Aluminium alloy
Mounting bracket material	Steel net
Antenna dimensions	535x175x40 mm
Antenna weight with pipe clip	530 g
Mounting consol weight	330 g
Maximum wind speed	25 m/s
Flat plate equivalent	0.06 m ²
Ambient temperature	-40°C - +70°C
Ambient humidity	Max. 98%



Tested according to standards: IEC68-2-1:Ab/Ad
IEC68-2-2:Bb/Bd
IEC68-2-14:Na
IEC68-2-56:Cb
IEC68-2-11:Ka

SHIPPING DATA	
Package weight	1160 g
Package dimensions	650x180x50 mm

OPTIONAL ACCESSORIES	
Matching low-loss cable with FME-connectors	
Adjustable mast-mount kit for mast 30-50 mm	



For more information on how the ACY9-L can be customized to your requirements, please contact our Marketing Department.

 **Carant**