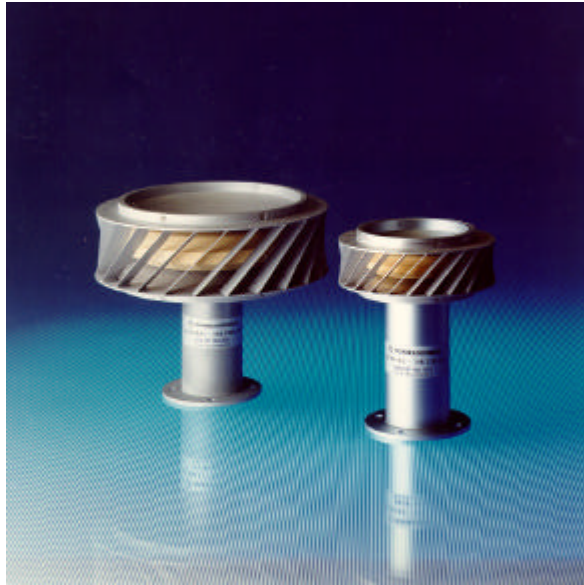


Omnidirectional Microwave Antennas AC004R1 and AC004R2



(antennas without radome)

Brief description

The Omnidirectional Antennas AC004R1 and AC004R2 are designed for omnidirectional reception in the frequency range 18 to 26.5 GHz and 26.5 to 40 GHz, respectively.

Both antennas are circularly polarised, so that signals with horizontal and vertical polarisation can be received, too.

Due to their mechanical design, the antennas are suitable for use under extreme environmental conditions, e.g. in mobile applications.

Specifications

Frequency range	
AC004R1	18 to 26.5 GHz
AC004R2	26.5 to 40 GHz
Polarisation	circular
Nominal impedance	50 Ω
VSWR	< 2.5
Gain	2 dBi
Departure from circularity of azimuth pattern	± 2 dB
Connector	RPC-2.92(K) female
Operating temperature	-35 to +65°C
Max. wind speed (without ice deposit)	180 km/h
Dimensions (H x dia.), with radome	
AC004R1	150 mm x 155 mm
AC004R2	170 mm x 150 mm
Weight	
AC004R1	1.4 kg
AC004R2	1.8 kg