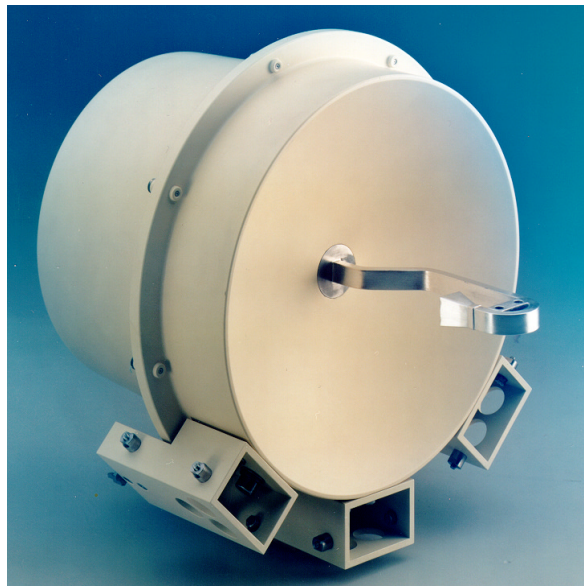


SHF / EHF Directional Antennas AC308R2 and AC308R3



Brief description

The Directional Antennas AC308R2 and AC308R3 for the K band (18 to 26.5 GHz) respectively the Ka band (26.5 to 40 GHz) are used for frequency extension of the Steerable Microwave Antenna Systems AC090, AC120, AC180 and AC300.

- Fast and simple installation
- Rugged design
- Integrated into operational concept of AC090, AC120, AC180 and AC300

Available Models

- with integrated preamplifier (model 02)

Specifications

	AC308R2	AC308R3
Antennas		
Frequency range	18 to 26,5 GHz	26.5 to 40 GHz
Polarization	H, V or 45°	H, V or 45°
Nominal impedance	50 Ω	50 Ω
VSWR	<2	<2
Gain	29 to 33 dBi	33 to 36 dBi
Half-power beam width	4.5° to 3°	3° to 2°
Reflector diameter	250 mm	250 mm
Weight approx.	2.5 kg	2.5 kg
Preamplifier		
Amplifier gain	28 ± 2 dB	28 ± 2 dB
1 dB compression point	+8 dBm	+8 dBm
Noise figure	<3 dB	<4.5 dB
Power consumption	+15 V/0.3 A	+15 V/0.4 A
RF connector	RPC3.5	K