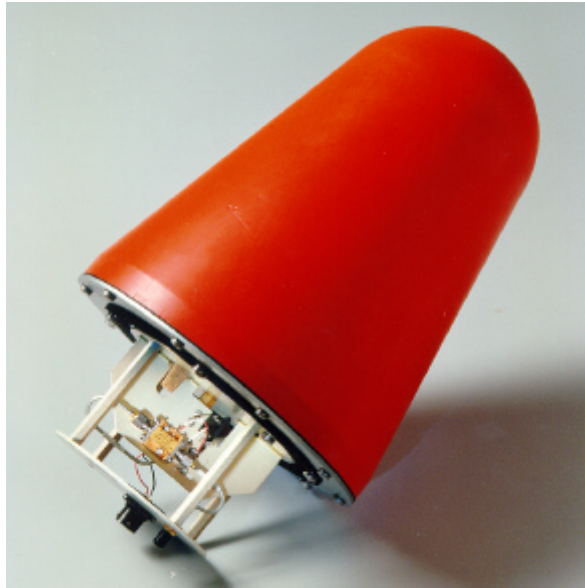


# Active Antenna Feed HL025S7



## Brief description

The Active Antenna Feed HL025S7 for microwaves is primarily used in dish-and-feed antennas eg. AC008, AC090, AC120, AC180 and AC300. The signal is picked up by the Log.-Periodic Antenna HL025 and taken to the amplifier unit incorporated in the antenna. The amplifier unit is designed with a low-noise amplifier.

- Extremely wide frequency range 1 to 26.5 GHz
- Constant and rotationally symmetrical radiation pattern
- Maximum system sensitivity due to integrated preamplifier

## Specifications

### Antenna

Frequency range	1 to 26.5 GHz
Polarization	linear
Nominal impedance	50 $\Omega$
VSWR	<2
Gain	8 dBi

### Amplifier

Noise figure	<3 dB
Amplifier gain	>26 dB $\pm$ 2 dB
1 dB compression point	+10 dBm
Power supply	+ 15 V DC (0.3 A) + 12 V (0.8 A)
Connector	SMA female
Weight	1 kg

## Recommended extras

Control Unit (manual operation)	GB016A2
Control Unit (remote controlled)	BG016