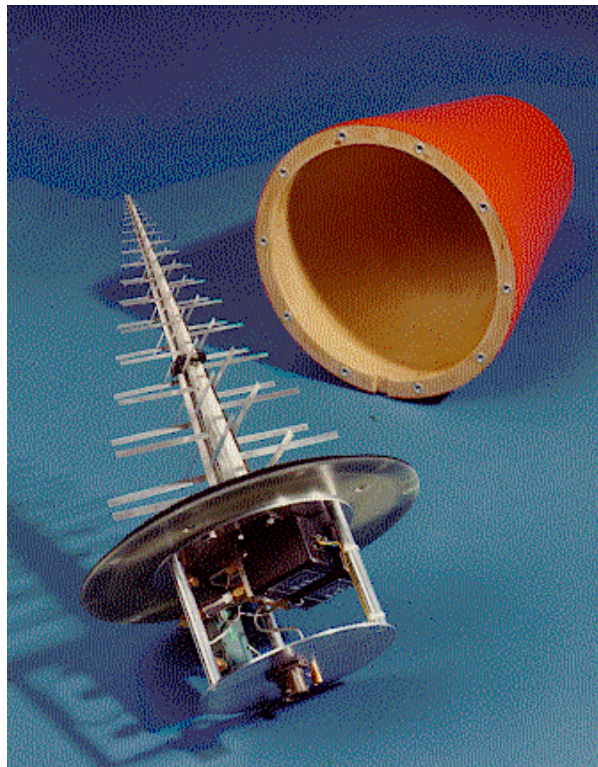


# Crossed Log Periodic Antenna HL024S2



## Brief description

The HL024S2 consists of the HL024A1 and a polarization switching network. Four types of polarization can be selected by remote control. The HL024S2, just like the HL024A1, can be used as a feed for the Microwave Directional Antennas AC008, AC090, AC120, AC180 and AC300.

- Horizontal, vertical, circular clockwise (RHC) and circular counterclockwise (LHC) polarization
- Remotely controlled polarization selection via the system controller AC090, AC120, AC180 or AC300 and the Control Units GB016A2 or BG016
- Wide frequency range
- Suitable for use as a feed for dish-and-feed antennas

## Specifications

Frequency range	1 to 18 GHz
Polarization	horizontal, vertical, circular clockwise, circular counterclockwise
Nominal impedance	50 $\Omega$
VSWR	
1 to 12 GHz	<2.5
12 to 18 GHz	<3
Gain (with polarization switching network)	4 to 6 dBi
Connector	SMA female
Control connector	10-contact male round connector
Max. wind speed (without ice deposit)	180 km/h
Operating temperature	-40 to +55°C
Dimensions (L x dia.) with radome	353 mm x 210 mm
Weight	1 kg

## Recommended extras

Control Unit (remote/computer controlled)	BG016
Control Unit (local control)	GB016A2
Control Cable	AC008W1
Microwave Cable	AC008W2