

# High Gain LINK 16 Antenna

## HD1000B

The HD1000B is a high gain antenna for LINK 16 tactical data exchange network. The antenna's performance is optimized for long range data exchange between military aircrafts and ground forces. The antenna can easily be installed to a mast, pole or to a wall.

- High gain antenna allowing longer data link ranges
- High power tolerance
- Rugged design for extreme environmental conditions



Product details*	
Frequency range	960 - 1215 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Dipole array
Radiation pattern	Omnidirectional (azimuth ripple < ±1 dB)
Gain (max. on-horizon)	7 dBi
VSWR	< 2.5
Nominal Impedance	50 Ω
Power rating	200 W (RMS)
Standard color	Black
Radiator	Radiator elements covered with 45 mm diameter glass fibre radome
Height	970 mm
Weight (w/o brackets)	1,0 kg

Installation*	
RF connection	Female N-type connector
Mounting	2 pcs mast mounting brackets provided with antenna for 38-60mm diameter mast

\*Specific adjustments on request

Order number	
HD1000B	Antenna as described above