

Wideband SHF Manpack Antenna

HD36

The HD36 is a compact manpack antenna that provides excellent performance over a wide frequency band. This high-gain omnidirectional antenna is optionally also available with a steel shock absorption spring, which makes the HD36 well suited for various applications.

- Excellent performance over the entire 3 - 6 GHz frequency range
- Low weight and small visual signature
- Rugged antenna construction with option for shock absorption spring



Product details*	
Frequency range	3000 - 6000 MHz
Matching	Passive
Polarization	Nominally vertical
Antenna type	Wideband dipole array
Radiation pattern	Omnidirectional (± 2.0 dB ripple, typical)
Gain (maximum)	5 to 8 dBi (Measured patterns on request)
VSWR	≤ 3.5
Nominal Impedance	50 Ω
Power rating (RMS)	3000 - 4000 MHz: 35 W 4000 - 5000 MHz: 20 W 5000 - 6000 MHz: 15 W
Standard color	Black
Radiator	Radome protected
Height	360 mm
Weight	170 g

Installation*	
RF connection	Male N-type connector
Mounting	Directly to a matching connector

*Specific adjustments on request

Order number	Product
HD36	Antenna as described above
HD36Q	Antenna with steel spring (Height: 430 mm / Weight: 320 g)