

Antenna Model B2627

Ultra-Wideband Antenna Array

The antenna Model B2627 is a 2.6 meter wide antenna array with 27 antenna elements designed for use with the GeoScope 3-dimensional Ground Penetrating Radar.

The electronically scanning antenna array allows efficient and accurate 3-dimensional data acquisition for applications such as utility mapping, road/railway inspection, and landmine/UXO detection.



3d-radar as

Specifications:

Frequency range:	100 MHz - 1000 MHz
Antenna elements:	Bow-tie monopole antennas
Number of elements:	27 transmit/receive antenna pairs
Antenna separation:	90 mm
Effective scan width:	2340 mm
Scanning:	Electronically switched
Direct wave suppression:	> 30 dB
Polarization:	Linear
Sealing:	IP40
Size & Weight:	2600 x 650 x 340 mm, 55 kg
Shipping container (option):	2660 x 710 x 410 mm, 45kg
Accessories:	Lightweight antenna trailer mount 2 or 4 wheel assembly

Antenna Model B2463

Ultra-Wideband Antenna Array

The antenna Model B2463 is a 2.4 meter wide antenna array with 63 antenna elements designed for use with the GeoScope 3-dimensional Ground Penetrating Radar.

The electronically scanning antenna array allows efficient and accurate 3-dimensional data acquisition for applications such as utility mapping, road/railway inspection, and landmine/UXO detection.



3d-radar as

Specifications:

Frequency range:	400 MHz - 2000 MHz
Antenna elements:	Bow-tie monopole antenna pairs
Number of elements:	63 transmit/receive antenna pairs
Antenna separation:	37.5 mm
Effective scan width:	2325 mm
Scanning:	Electronically switched
Direct wave suppression:	> 30 dB
Polarization:	Linear
Sealing:	IP40
Size & Weight:	2400 x 370 x 230 mm, 41kg
Shipping container (option):	2470 x 460 x 360 mm, 32kg
Accessories:	Lightweight antenna trailer mount 2 or 4 wheel assembly

Antenna Model B1231

Ultra-Wideband Antenna Array

The antenna Model B1231 is a 1.2 meter wide antenna array with 31 antenna elements designed for use with the GeoScope 3-dimensional Ground Penetrating Radar.

The electronically scanning antenna array allows efficient and accurate 3-dimensional data acquisition for applications such as utility mapping, road/railway inspection, and landmine/UXO detection.



3d-radar as

Specifications:

Frequency range:	400 MHz - 2000 MHz
Antenna elements:	Bow-tie monopole antennas
Number of elements:	31 transmit/receive antenna pairs
Antenna separation:	37.5 mm
Effective scan width:	1125 mm
Scanning:	Electronically switched
Direct wave suppression:	> 30 dB
Polarization:	Linear
Sealing:	IP40
Size & Weight:	1200 x 370 x 230 mm, 24kg
Shipping container (option):	1270 x 460 x 360 mm, 18kg
Accessories:	Lightweight antenna trailer mount 2 or 4 wheel assembly