

MCE-202

Datasheet



The MCE-202 is a fast multiplexer adapter for the Akula 9000C ground penetrating radar control unit. It allows to easily multiply the physical number of antennas (channels) that can be connected to your radar control unit. The MCE-202 will provide you with 2 channels connected transparently to the Akula9000C radar unit.

The Akula9000C provides the power supply and full control over the multiplexer on the hardware level so there are no special settings that the user has to adjust or master.





Area of Application

- Multichannel Road survey
- Multichannel Utility survey
- Multichannel Archeology survey

Mechanical and Environmental Specifications

Dimensions LxWxD (mm/inches)	103x53x120/4x2.1x3.9
Weight (kg/pounds)	0.4/1
Ingress Protection	IP54
Operating Temperature (°C/°F)	from -20 to +50 /from -4 to +122
Relative Humidity (%)	96(NC)

Electrical and Operating Specification

Power supply (V)*	12
Number of channels	2

*from the radar control unit

Operating Instructions

WARNING! Do not connect or disconnect the multiplexer from the radar control unit or antennas from the multiplexer while the radar unit is ON. It may cause electrical damage to your unit that will not be covered by the warranty!

1. Connect the multiplexer control cable to control connector and main control cable connector on the radar unit.
2. Use the standard main control cables to connect the antennas to individual connectors on the multiplexer marked with numbers from 1 to 2.
3. Once all the cables are connected turn on the radar unit and start collecting your data.

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