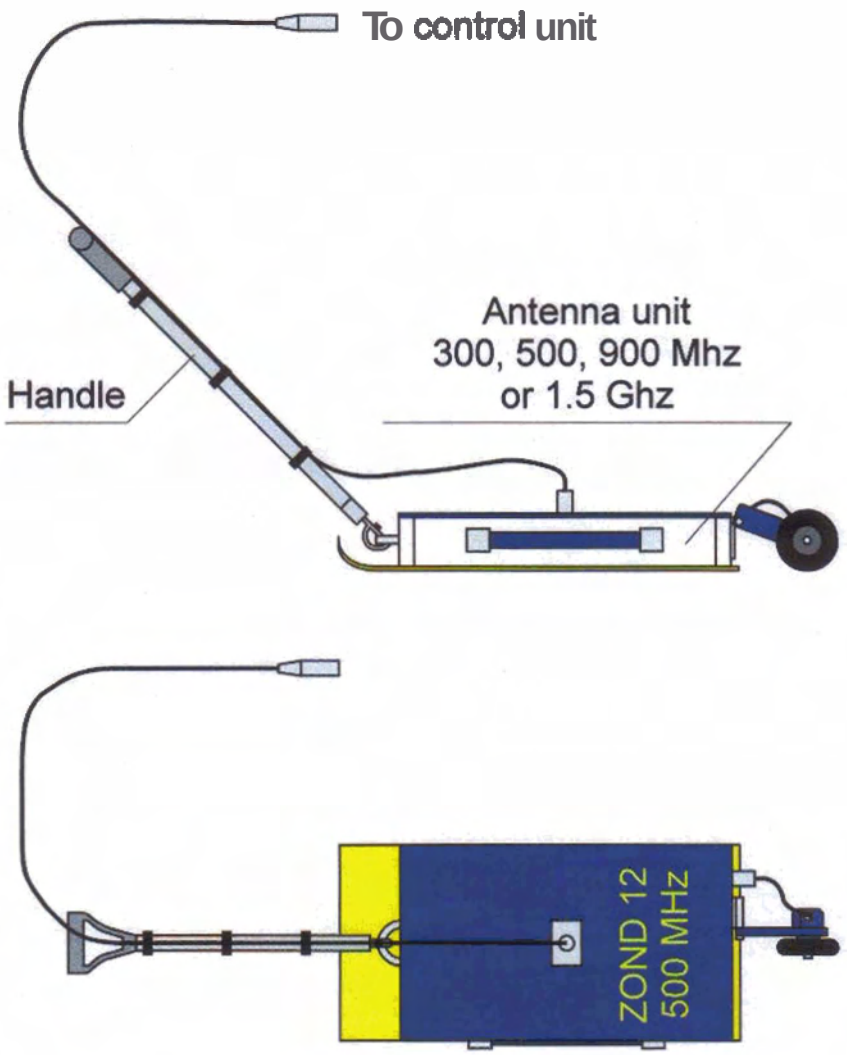
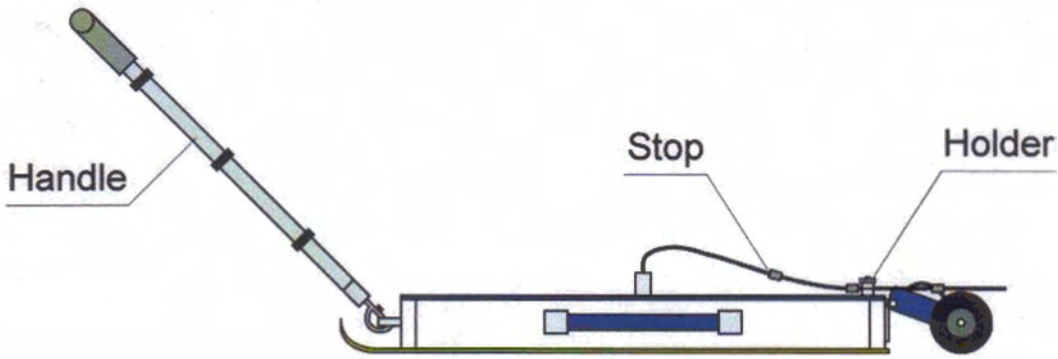


Fig. 3b. Attaching of survey wheel to shielded antenna.



Antenna unit
300,500,900 Mhz or 1.5 Ghz

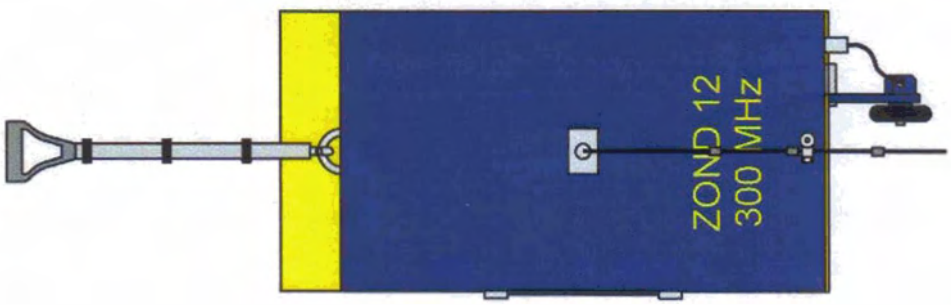


Fig. 3c. Attaching of handle, 20 m cable and survey wheel to shielded **antenna.**

Fig 4. Fastening of control unit on breast by straps.

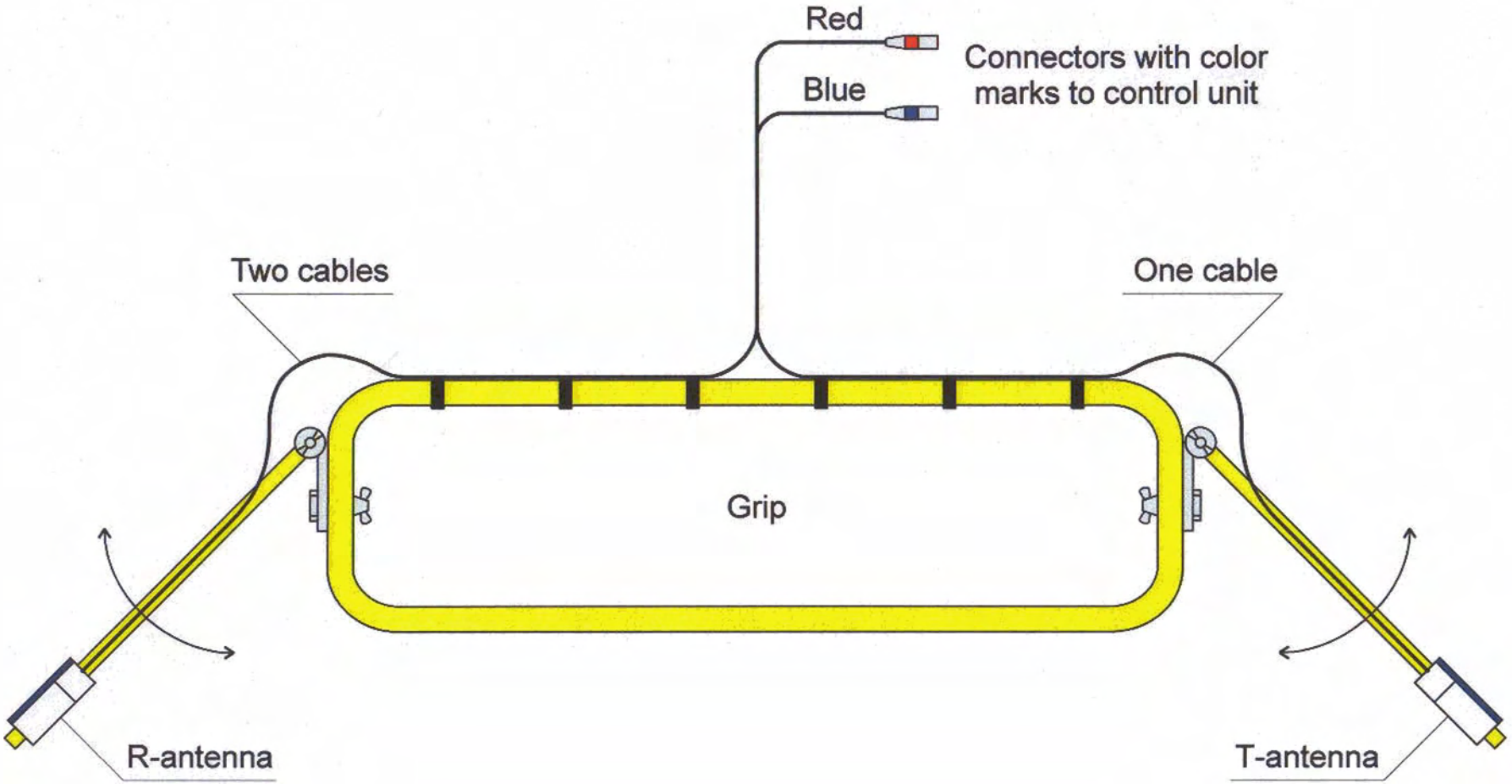


Fig. 5. Drawing of low frequency 38-75-150 Mhz antenna unit.

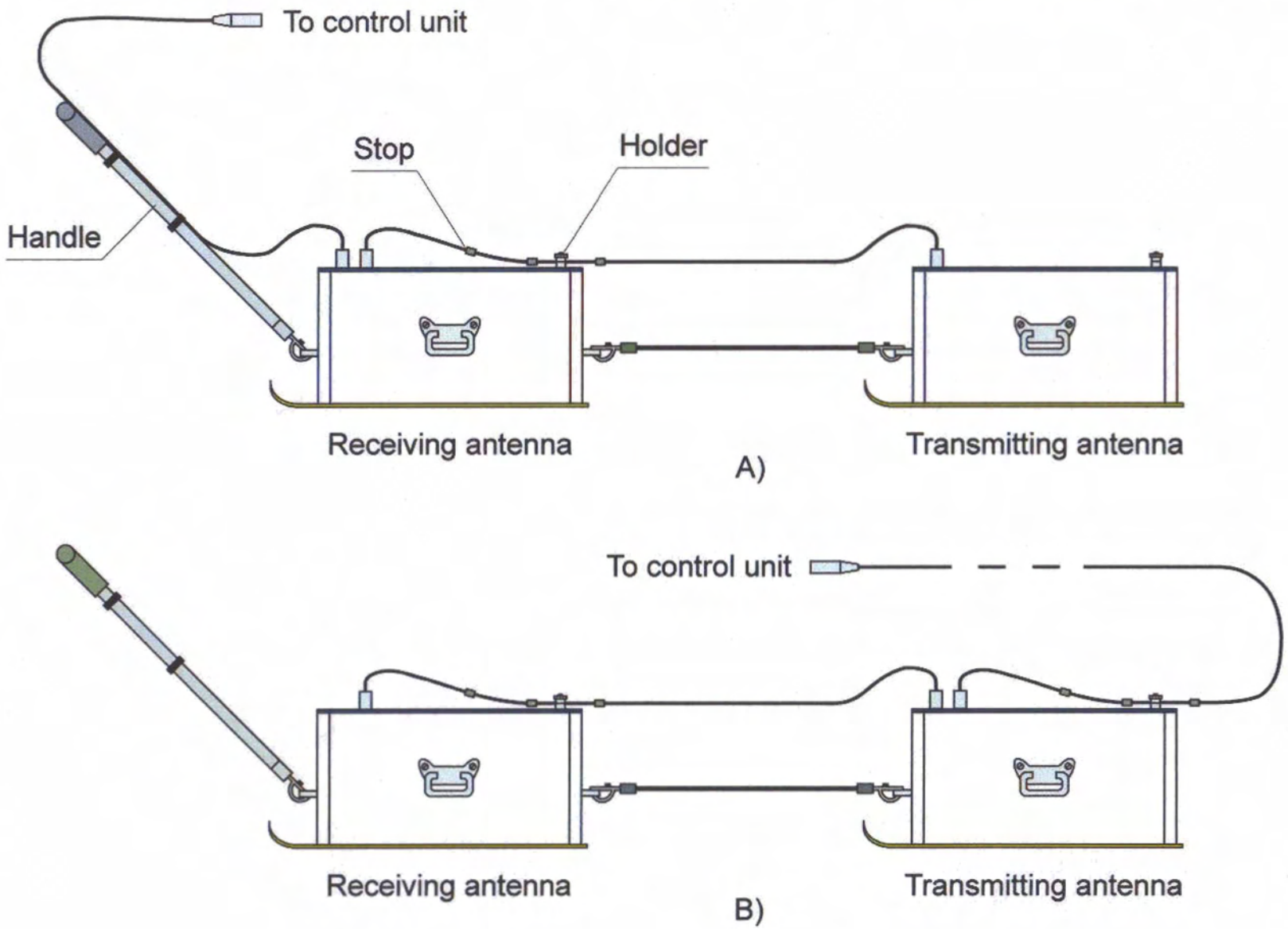


Fig. 6. Shielded 100 Mhz antenna system in operation mode with 3 m (A) and 20 m (B) cable.

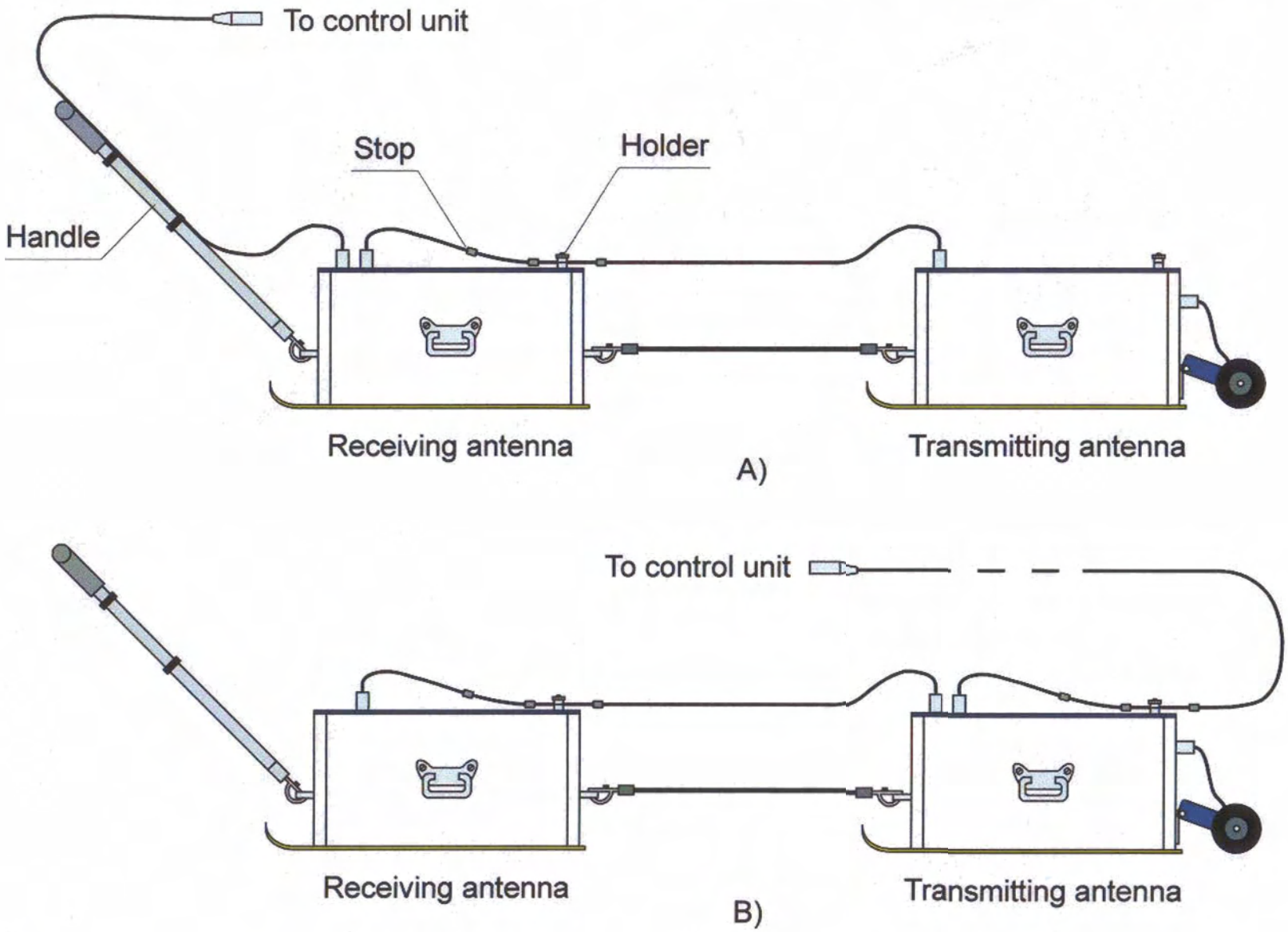


Fig. 6a. Attaching of survey whell to shielded 100 Mhz antenna system in operation mode with 3 m (A) and 20 m (B) cable.

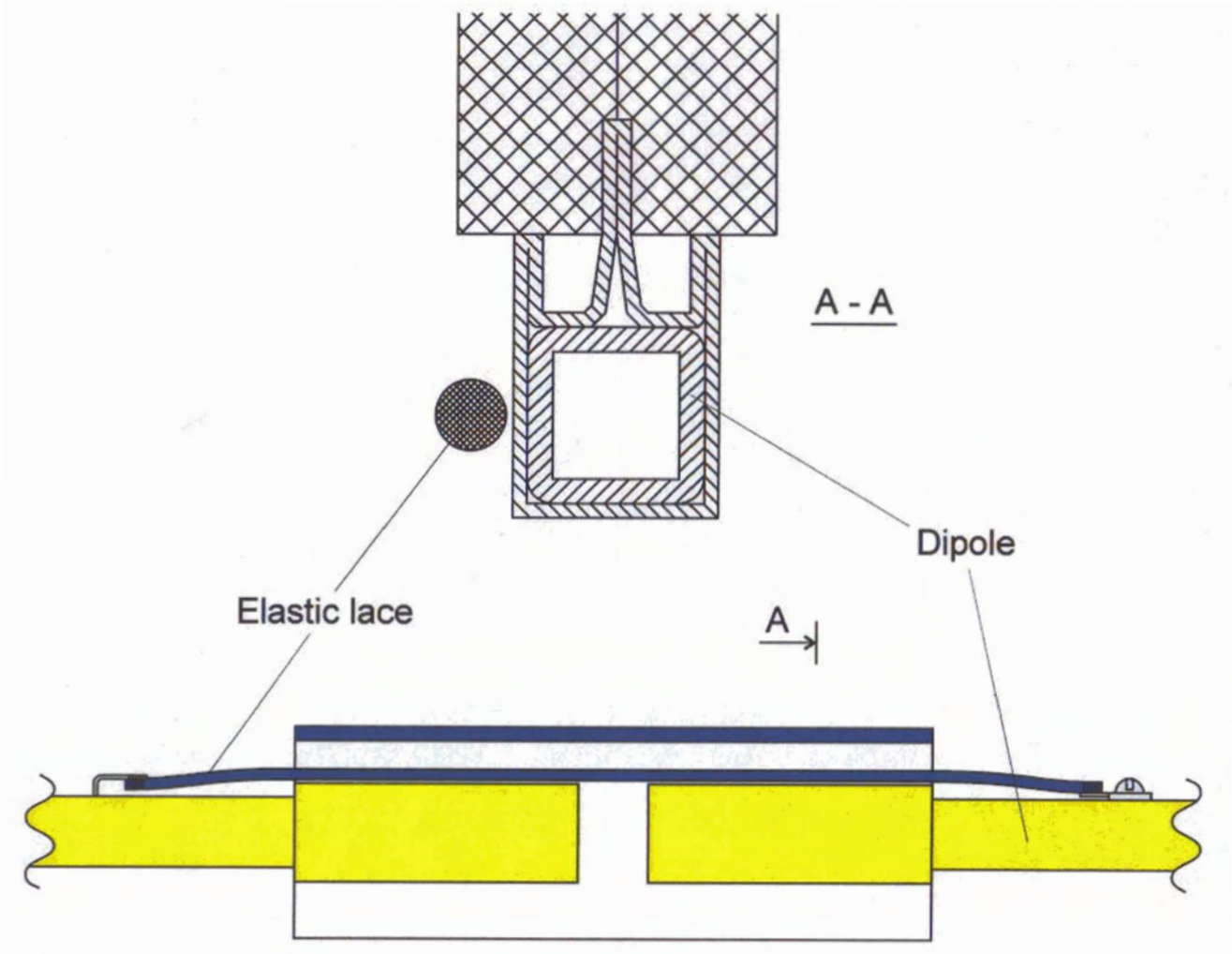


Fig. 7. Attaching of dipoles to transmitter and receiver. Bottom view.

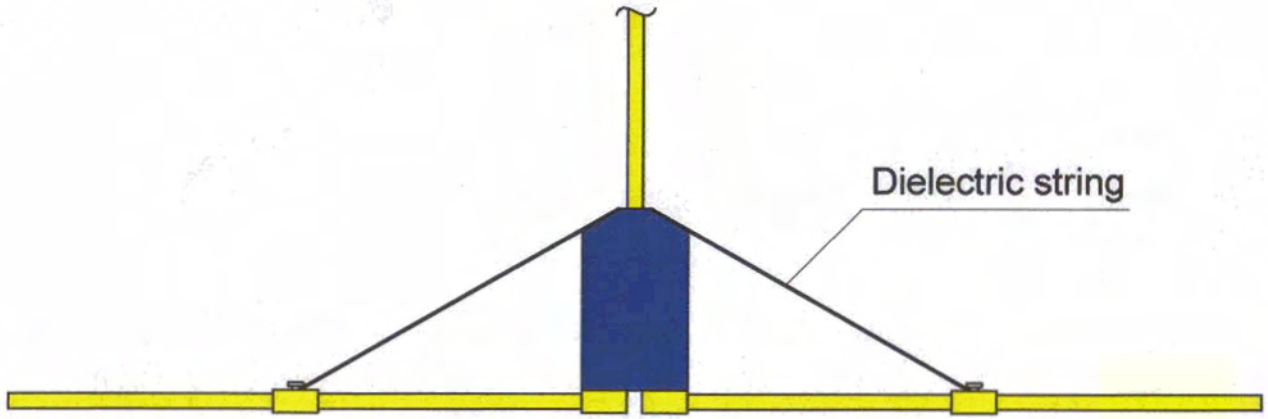


Fig. 8. Fastening of additional dipoles on transmitter and receiver (38 MHz).

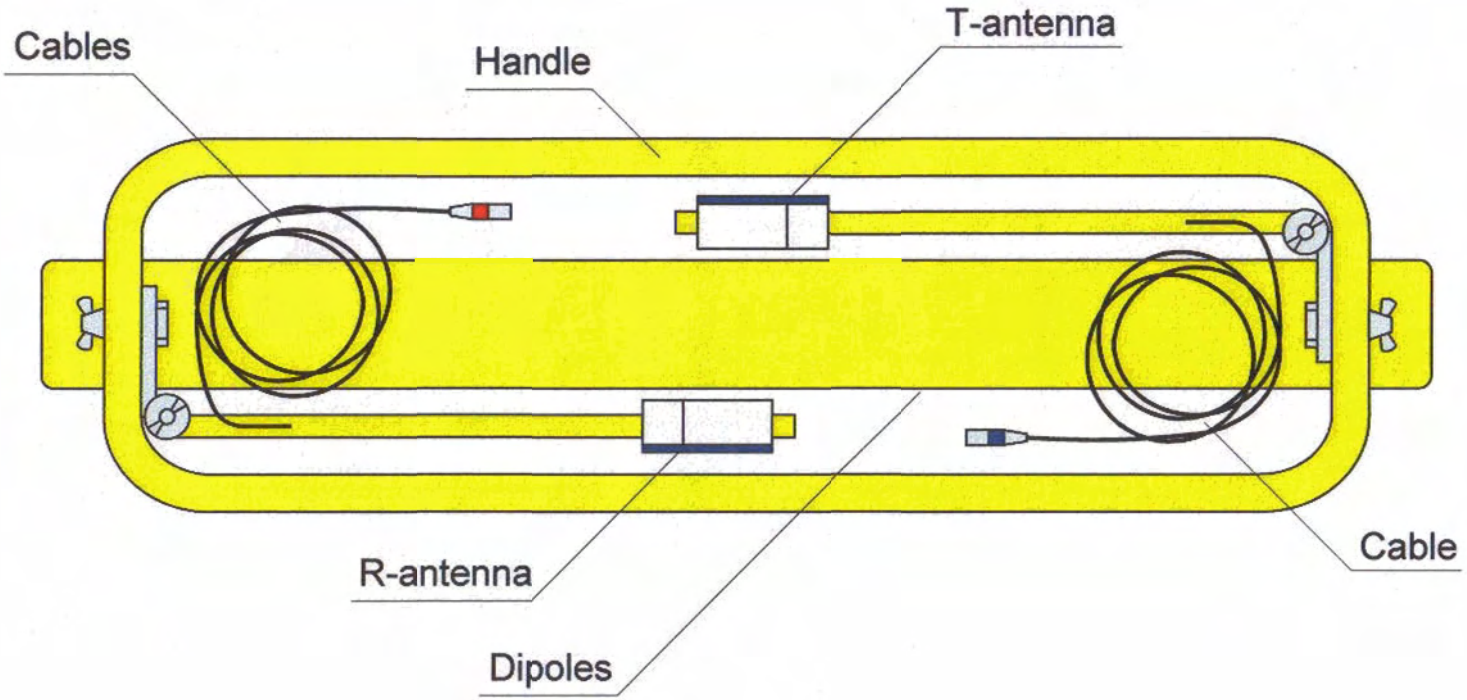


Fig. 10. Packing of low frequency 38-75-150 Mhz antenna unit.

T, ns / f_{ANT}	50	100	200	300	500	800	1200	2000
2 GHz	off Weak Strong							
1.5 GHz	off Weak Strong							
900 MHz	off Weak Strong	off Weak Strong						
500 MHz	off Weak Strong	off Weak Strong	off Weak Strong	off Weak Strong				
300 MHz	off Weak	off Weak Strong	off Weak Strong	off Weak Strong	off Weak Strong			
150 MHz	off	off Weak	off Weak Strong	off Weak Strong	off Weak Strong	off Weak Strong		
100 MHz	off	off	off Weak	off Weak Strong	off Weak Strong	off Weak Strong	off Weak Strong	
75 MHz	off	off	off Weak	off Weak Strong	off Weak Strong	off Weak Strong	off Weak Strong	
38 MHz	off	off	off	off Weak	off Weak Strong	off Weak Strong	off Weak Strong	off Weak Strong

Fig. 11. Table of possible time ranges for different antenna units. Allowable settings of high-pass filter are shown.

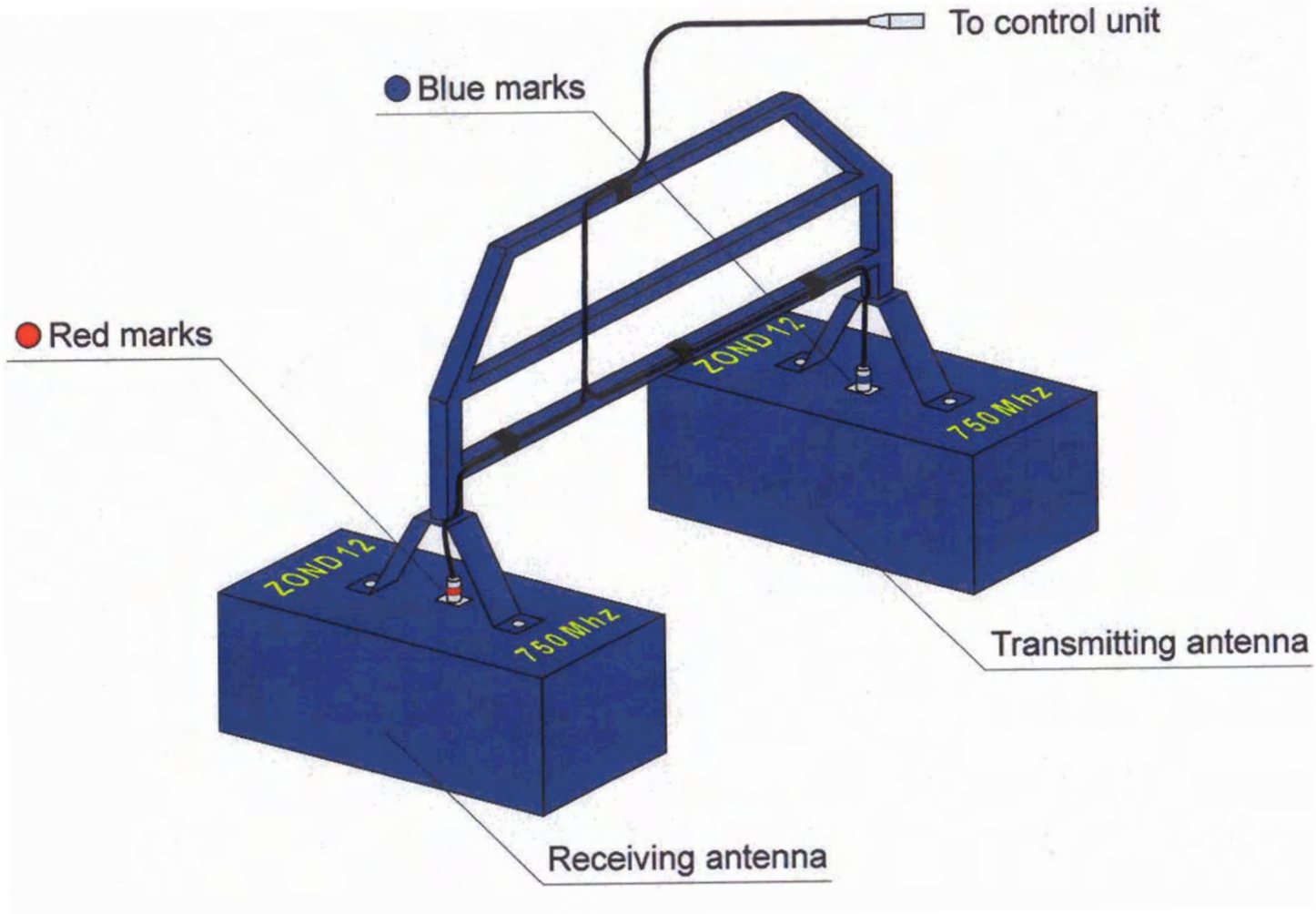


Fig. 12. Combined 750 Mhz antenna.

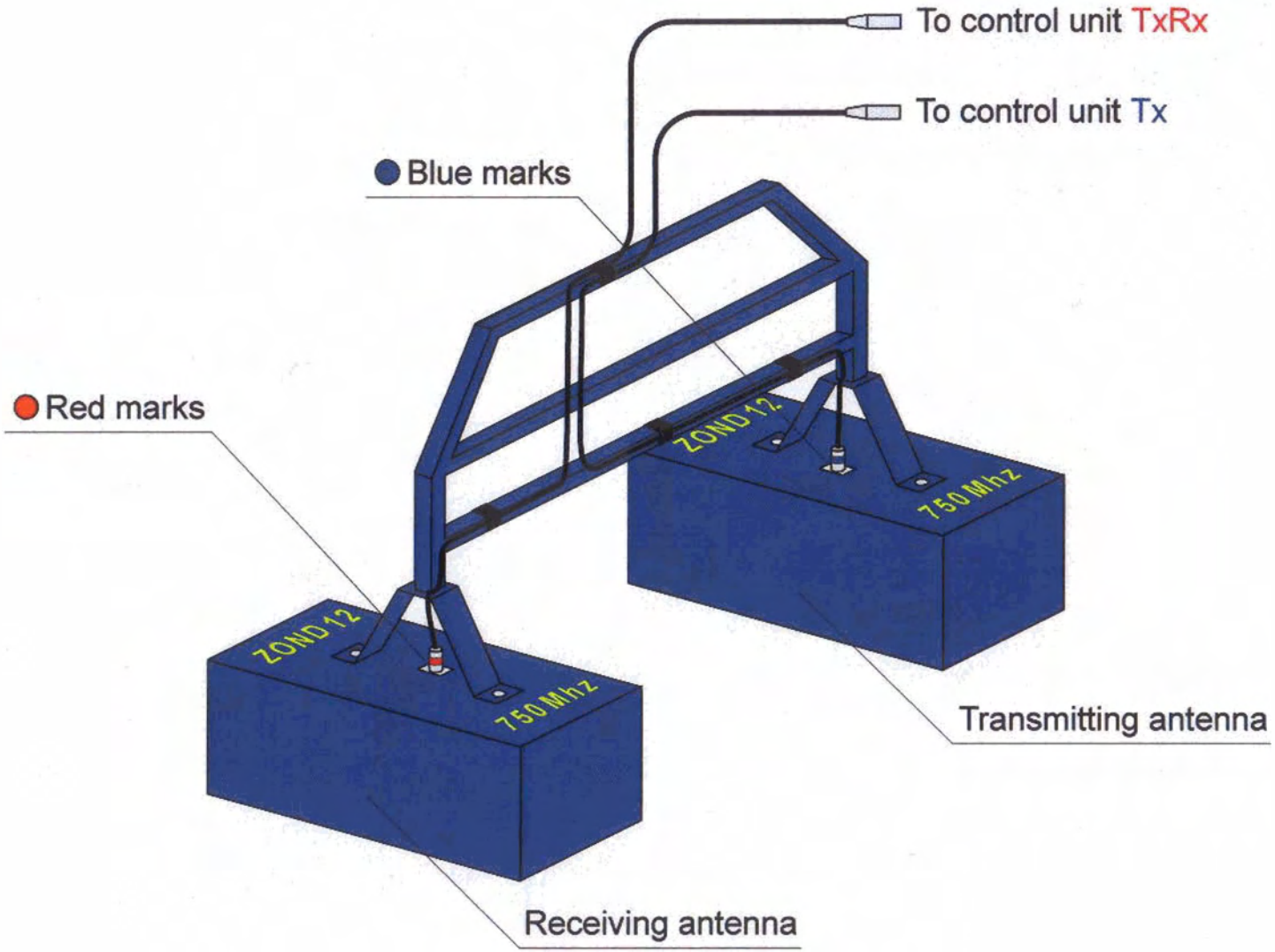


Fig. 12a. Combined 750 Mhz antenna system with separated cables.

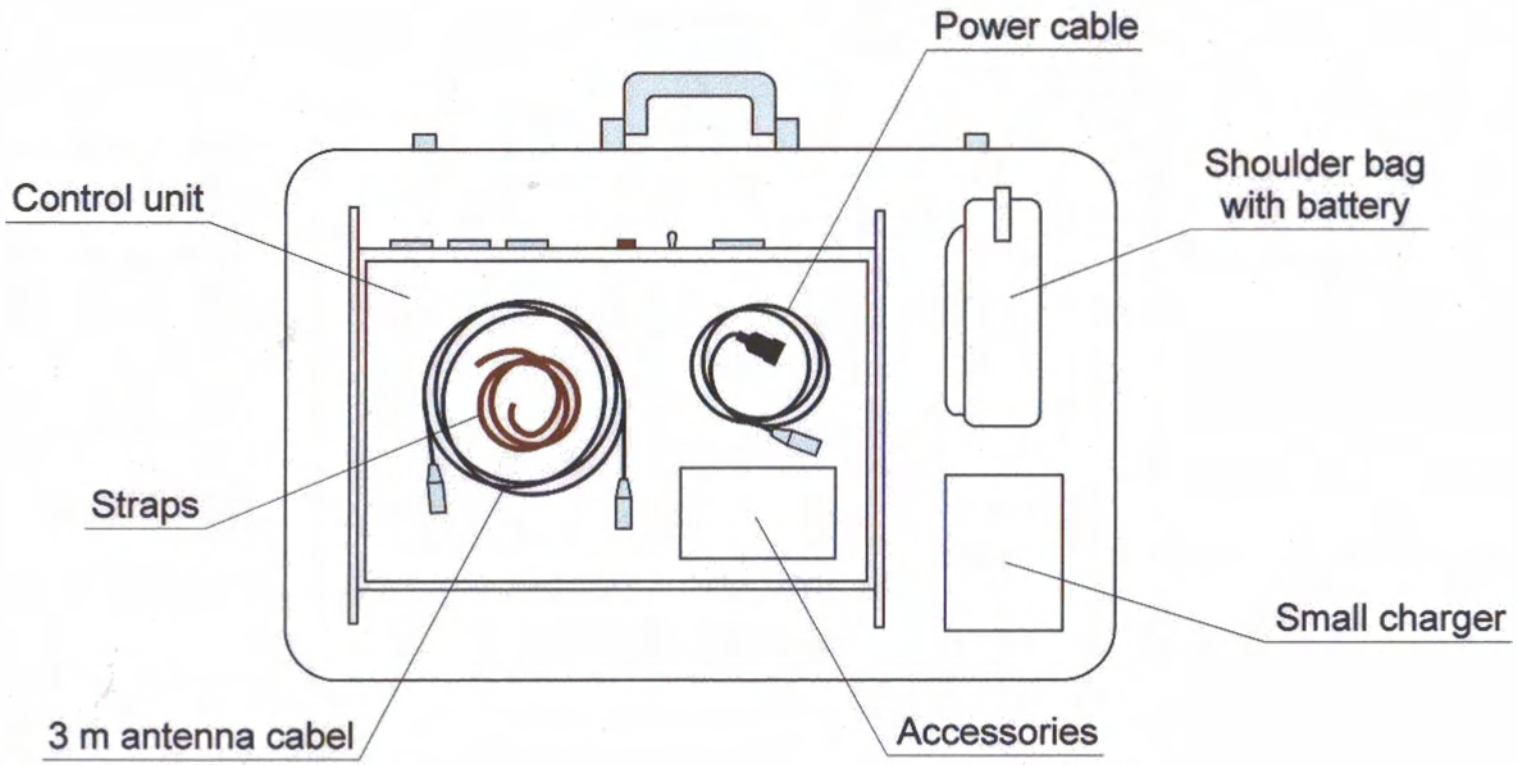


Fig. 13. Packing of control unit and accessories.

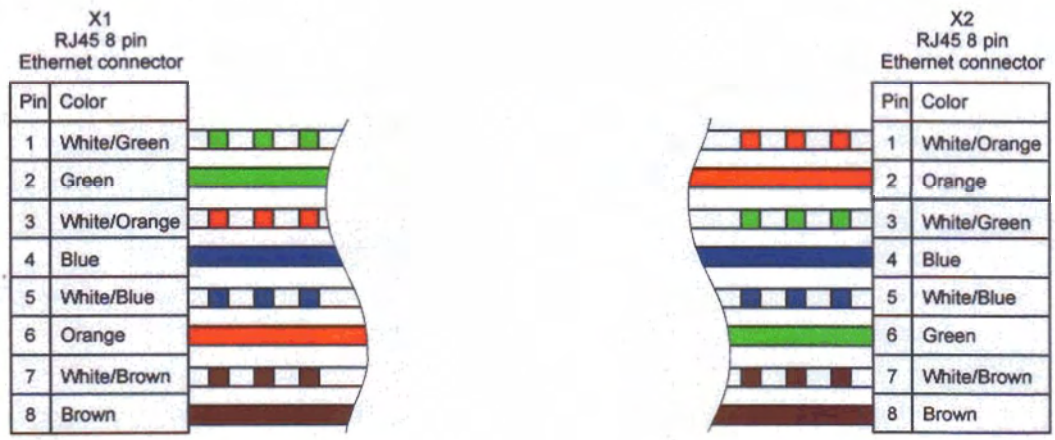


Fig. 14. Pin specification of cable between **control unit and computer**

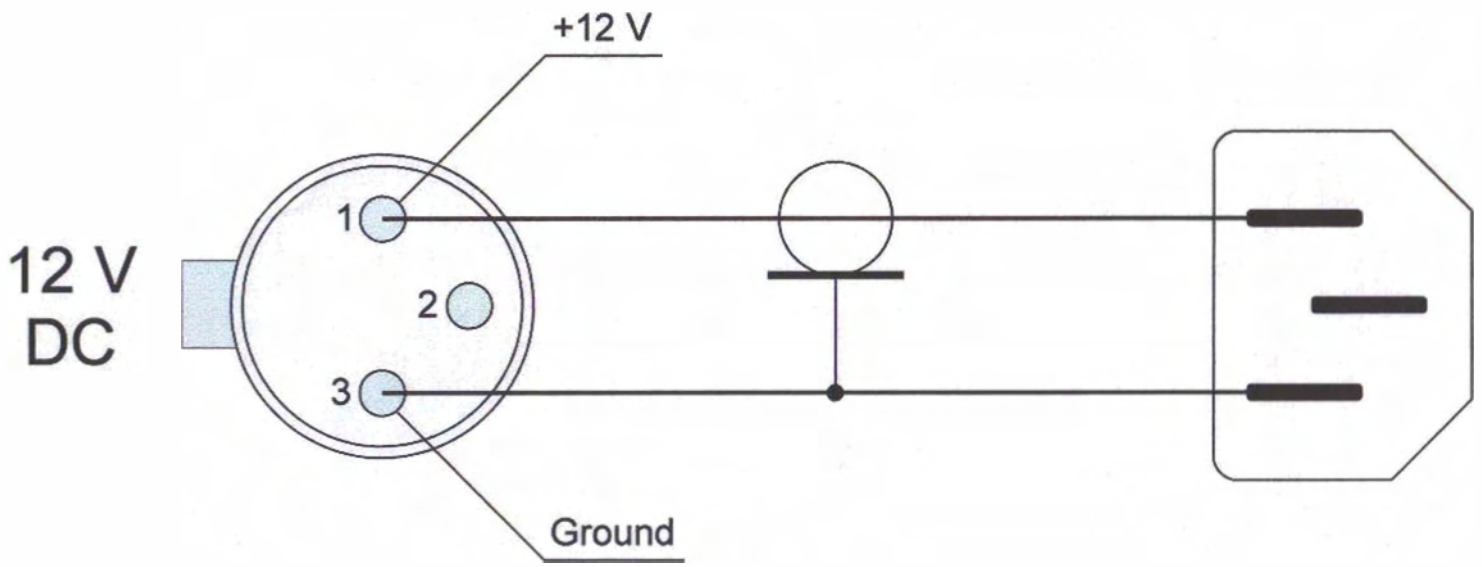


Fig. 15. Power cable circuit.