



TECHNICAL SPECIFICATIONS

SPECIFICATION FOR ALL ANTENNAS

Pulse repetition frequency	100khz
A/D-converter	16 bit
Temperature range	-10 - +50 c.
Optical connectors	lemo/st
Maximum depth	150m in standard mode, 2500m in deep mode

100 MHz ANTENNA		250 MHz ANTENNA	
TRANSMITTER		TRANSMITTER	
Diameter	40mm	Diameter	48mm
Length	1,89 m, incl. batteries	Length	1,29m, incl. batteries
Weight	3,3 kg	Weight	4,75kg
Length of antenna element	0,426m (each side)	Length of antenna element	0,142m (each side)
Power consumption	0,3a 7,4v	Power consumption	0,3a 7,2v
Battery	7,4v 6,4ah Li-jon	Battery	7,2v 5,7ah ni-cd
Nominal centre frequency	100 MHz	Nominal centre frequency	250 MHz
Operating time	21 hours	Operating time	19 hours
RECEIVER		RECEIVER	
Diameter	40mm	Diameter	48mm
Length	1,76 m, internal batteries	Length	1,29 m, internal batteries
Weight	3,6 kg	Weight	4,75 kg
Length of antenna element	0,426m (each side)	Length of antenna element	0,142m (each side)
Power consumption	0,75a 7,4v	Power consumption	0,75a 7,2v
Battery	7,4v 6,4ah Li-jon	Battery	7,2v 5,7ah ni-cd
Preamplifier	18 db	Preamplifier	18 db
Total amplification	~29 db	Total amplification	~30 db
Theoretical dynamic area	96db (16 bit)	Theoretical dynamic area	96db (16 bit)
Nominal centre frequency	100 MHz	Nominal centre frequency	250 MHz
Operating time	7,6 hours	Operating time	7,6 hours

