

MODEL 230 SERIES

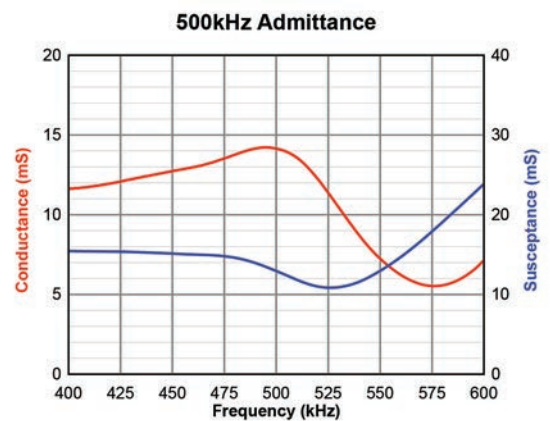
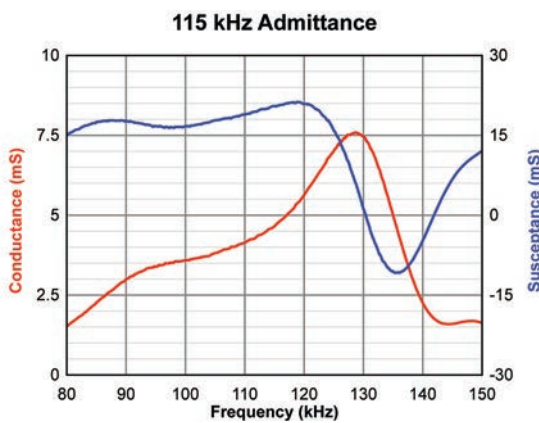


- **FREQUENCY 115 & 500 KHZ**
- **SIDE-SCAN TRANSDUCER**
- **SEAFLOOR MAPPING**
- **DEEP WATER CAPABILITY**
- **AUV, HULL OR TOW-FISH**

The dual frequency 230 SERIES side-scan is a robust fully moulded construction, operating at 115 and 500 kHz, the side-scan has a very wide bandwidth. With a narrow beam in the along-track axis and wide beam in the across-track axis, suitable for most sea-floor mapping and other high directivity applications. A deep-

water version, capable of operating down to 2000 metres, is available to special order.

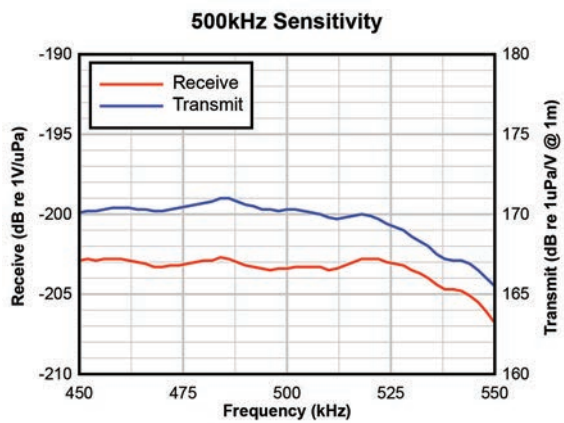
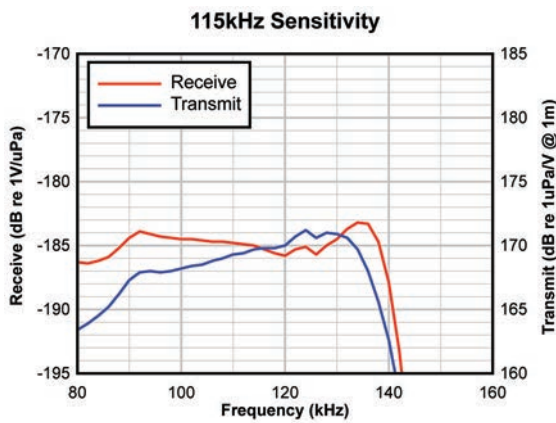
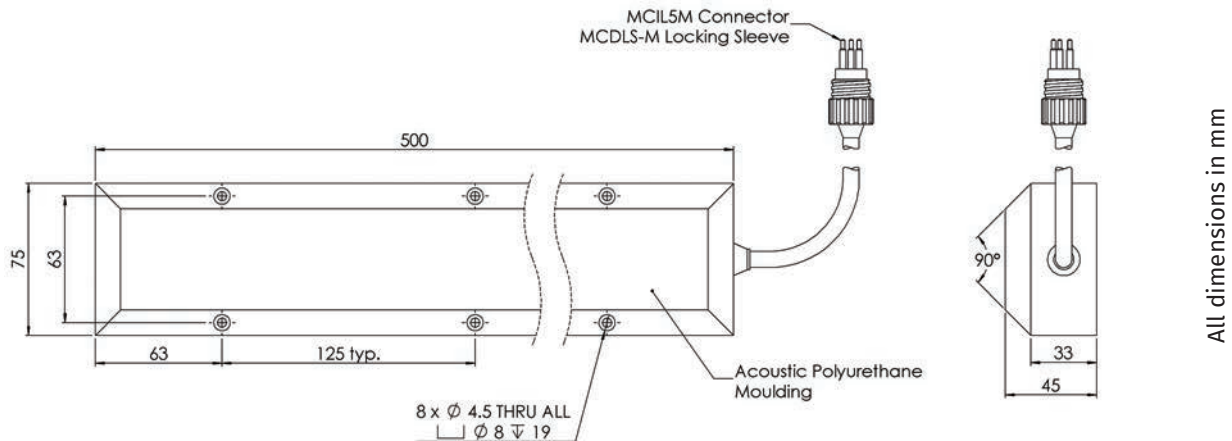
The 230 SERIES is available with or without acoustic calibration, traceable to National Standards.



TECHNICAL SPECIFICATION

Frequency	115	500	kHz
Horizontal Beam (-3dB)	1.5	0.4	Degrees
Vertical Beam (-3dB)	50	50	Degrees
Receive Sensitivity	-183	-203	dB re 1V/uPa
Transmit Sensitivity	171	171	dB re 1uPa/V @ 1m
Bandwidth	40	100	kHz
Transmit Voltage / Duty Cycle (Abs. Max)	500	300	Vrms at 10%

MODEL 230 SERIES



MECHANICAL SPECIFICATION

Operating Depth	600m (Optional 2000m – both may require an export license)
Weight Air/Water (with 10m cable)	3.9 kg / 1.8 kg
Operating Temperature	-5 to +40 °C
Storage Temperature	-40 to +80 °C
Cable Type	Ø8mm Chloroprene Rubber (Optional Ø9mm Polyurethane, Screened Twisted Pair)
Cable Length	0.2m standard
Connector	SubConn MCIL5M with MCDLS-M Locking Sleeve
Extension Cable/Connector	Ø9mm Polyurethane, Screened Twisted Pair with SubConn MCIL5F with MCDLS-F Locking Sleeve