

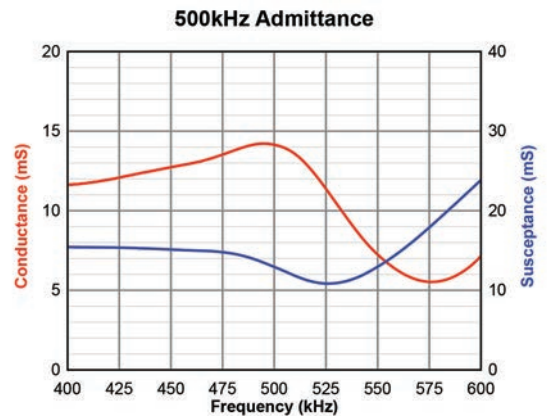
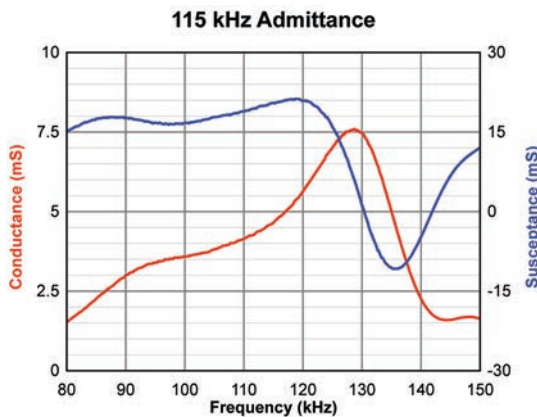
MODEL 250 SERIES



- **MULTIPLE FREQUENCY OPTIONS**
- **SIDE-SCAN TRANSDUCER**
- **SEAFLOOR MAPPING**
- **DEEP WATER CAPABILITY**
- **HULL OR TOW-FISH**

The 250 SERIES side-scan is a robust fully moulded construction, 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.

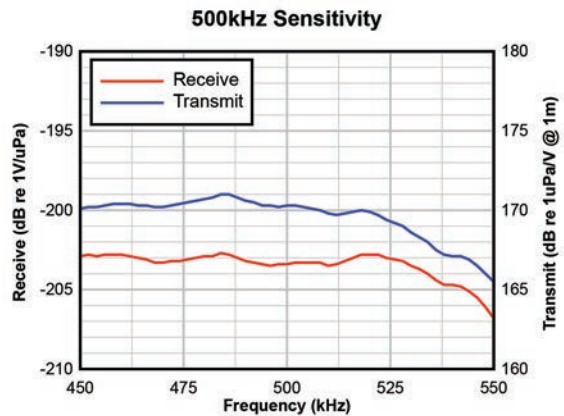
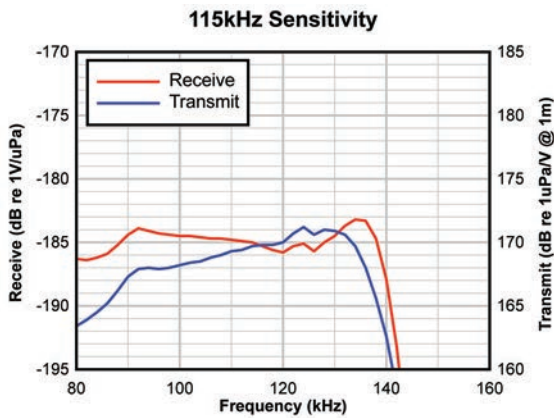
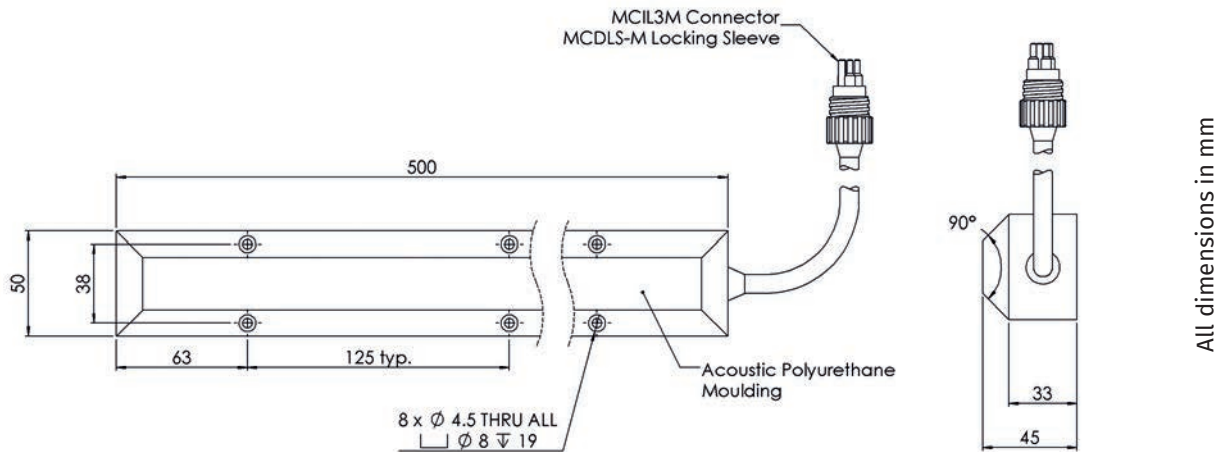
The 250 SERIES is available with or without acoustic calibration, traceable to National Standards.



TECHNICAL SPECIFICATION

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

MODEL 250 SERIES



MECHANICAL SPECIFICATION

Operating Depth	600m (Optional 2000m – both may require an export license)
Weight Air/Water (with 10m cable)	3.8 kg / 1.6 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 MCIL3M with MCDLS-M Locking Sleeve
Extension Cable/Connector	Ø9mm Polyurethane, Screened Twisted Pair with SubConn MCIL3F with MCDLS-F Locking Sleeve