

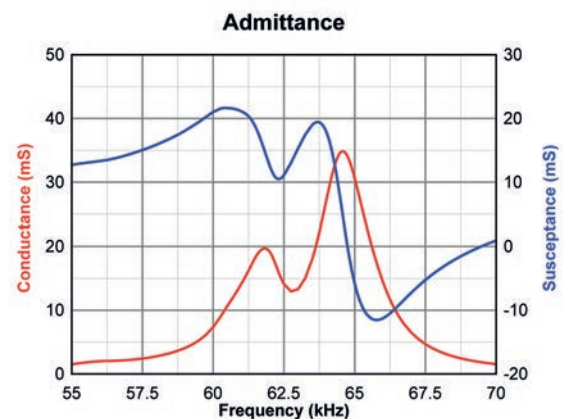
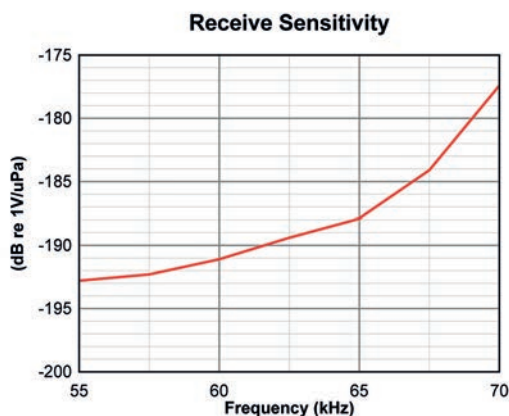
# MODEL 270 SERIES



- **FREQUENCY 65 KHZ**
- **SIDE-SCAN TRANSDUCER**
- **SEAFLOOR MAPPING**
- **DEEP WATER CAPABILITY**
- **HULL OR TOW-FISH**

The 270 SERIES side-scan is a robust fully moulded construction, with 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.

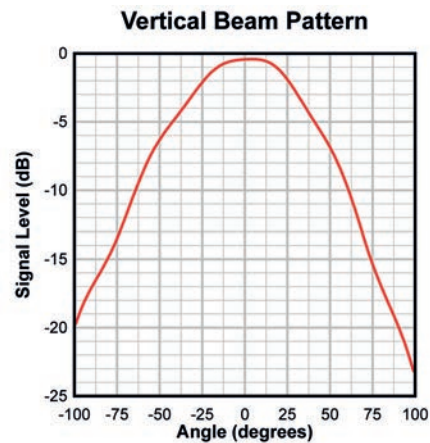
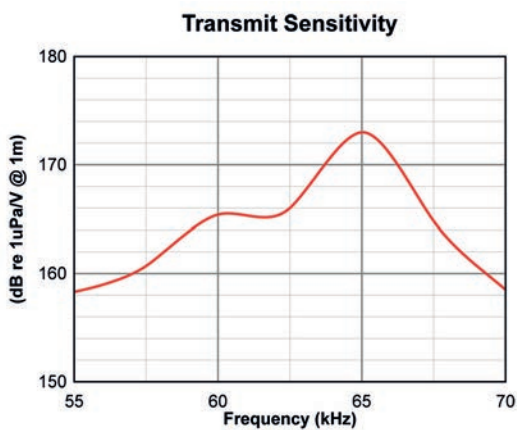
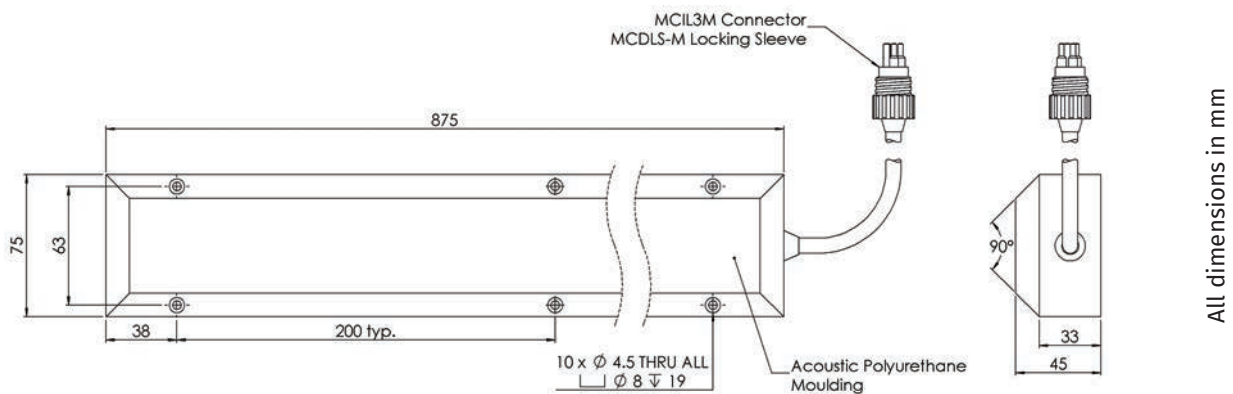
The 270 SERIES is available with or without acoustic calibration, traceable to National Standards.



## TECHNICAL SPECIFICATION

Resonant Frequency (Nominal)	65 kHz
Horizontal Beam (-3dB)	2.6 Degrees
Vertical Beam (-3dB)	50 Degrees
Receive Sensitivity	-187 dB re 1V/μPa
Transmit Sensitivity	174 dB re 1μPa/V @ 1m
Bandwidth	5 kHz
Transmit Voltage / Duty Cycle (Abs. Max)	500 Vrms at 10%

# MODEL 270 SERIES



## MECHANICAL SPECIFICATION

Operating Depth	600m (Optional 2000m – both may require an export license)
Weight Air/Water (with 10m cable)	7.7 kg / 3.6 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