

Nautel C-Tech Transducers

Mk II Broadband Transducer

Transmit	5 kHz to 14 kHz
Receive	2 kHz to 16 kHz
Receive Response	Equal to or better than -163 dB uPa/V re 1 M between 5.5 kHz and 6.5 kHz
Transmit Response (untuned)	>137 dB re 1 uPa/V re 1 M between 5 kHz to 9 kHz with peak response below 6 kHz, 130 dB from 9 kHz to 14 kHz
Beamwidth:	
Horizontal @ -3 dB	90 deg at 6.25 kHz (calculated)
Vertical @ -3 dB	90 deg at 6.25 kHz (calculated)
Impedance, tuned	1300 to 4100 ohms across transmit bandwidth
Power Handling	100 W within band 5 kHz to 12 kHz, DC not to exceed 20% -5 C to +40 C
Operating Temperature	-5 C to +40 C
Operating Pressure	Up to 1 bar (14.5 PSI)
Weight	3.9 kg
Height	245 mm
Active Face	29.4 mm x 98.1 mm
Mounting	Matches C5 support structure

