

17-278-218 rev. 02

## 200 kHz – U

Power rating: 375 Wrms @ 2% duty cycle  
38mm (1.5") BT  
Active Area: 11.2cm<sup>2</sup>  
Layered Plastic Urethane Window

### Beamwidth:

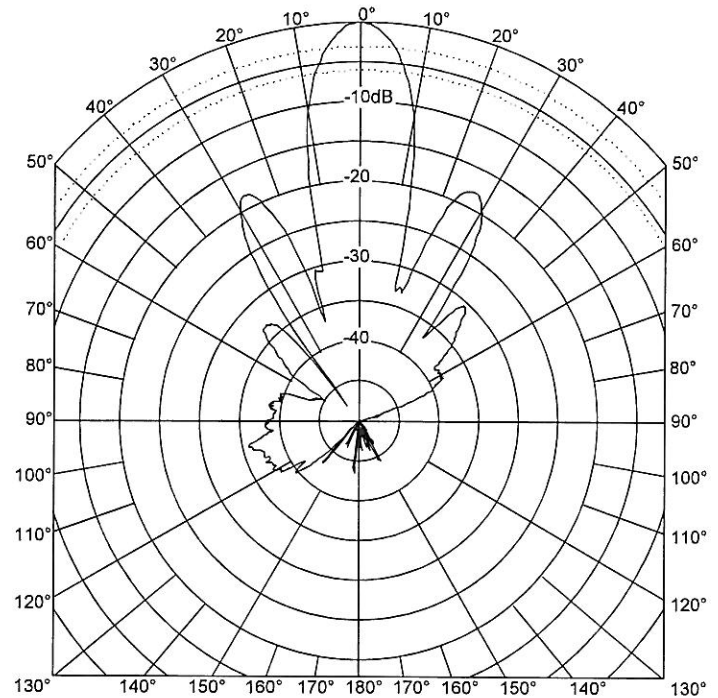
-3dB: 11°  
-6dB: 15°  
-10dB: 19°

Directivity Index: 24.3  
Frequency Tolerance: ±4kHz  
Peak TVR<sup>(1)</sup>, nominal: 166dB  
Peak TVR<sup>(1)</sup>, minimum: 163dB  
Q (transmit): 35  
Peak Source Level<sup>(4)</sup>: 218dB  
Peak RVR<sup>(2)</sup>, nominal: -185dB  
Peak Figure of Merit<sup>(3)</sup>: -20dB

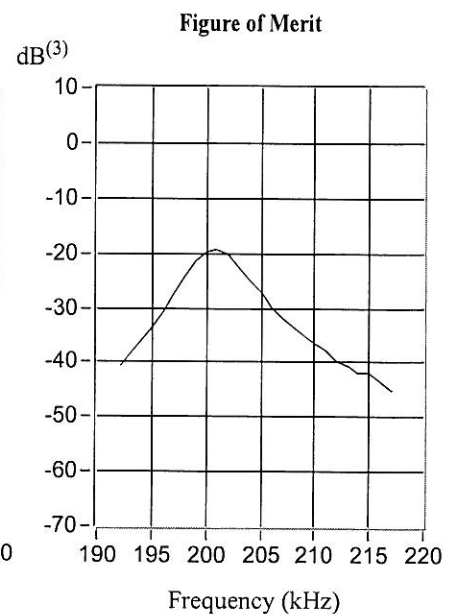
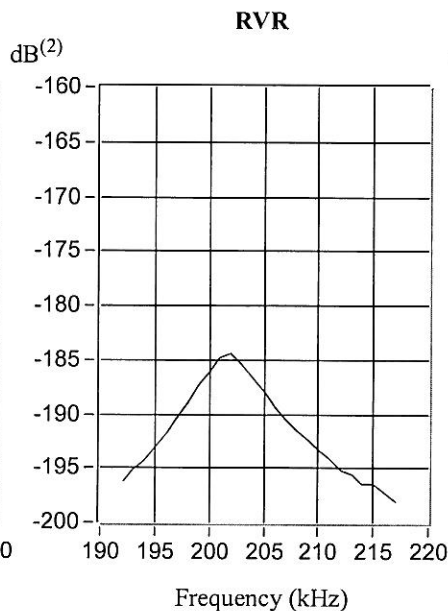
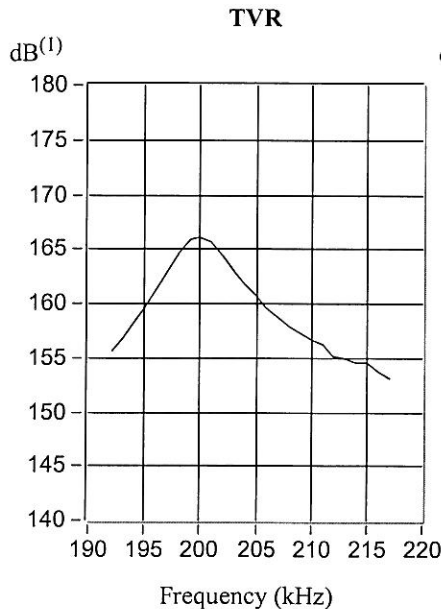
### Notes:

- (1) dB re 1 µPa per volt at 1 meter
- (2) dB re 1 volt per µPa
- (3) sum of transmitting voltage response and receiving voltage response
- (4) Nominal peak TVR, rated power, and no cavitation

### Transmit Radiation Pattern



Acoustic Data: td file 6 Stored Data 200U Urethane/ABS 97SM022003 Test#1: 02Sens  
Pattern Data: td file 6 Stored Data 200U ABS/Urethane 96MF112501 Test#1: 06Direct



# Technical Data Catalog

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38mm (1.5") BT

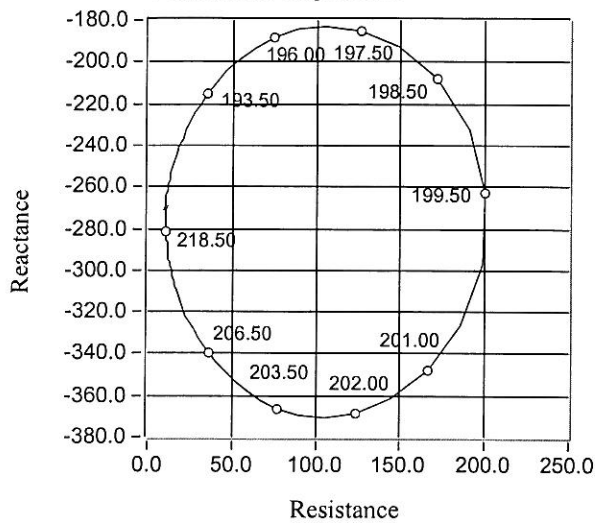
Cable Type: C144

Cable Length: 12.2m (40.0')

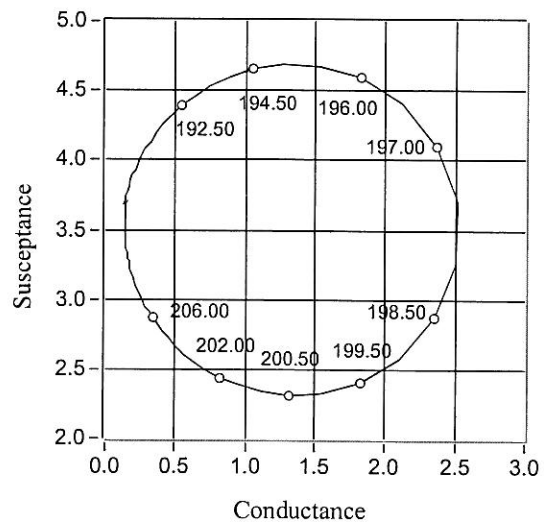
### Impedance Data

	Balanced	Unbalanced
Parallel: Rp.	400ohms-20%,+40%	400ohms-20%,+40%
Parallel: Cp. (nominal)	680pF	2630pF
Series [R – jX] (nominal)	360 – j120 ohms	150 – j190 ohms
1 kHz Capacitance	1010pF±20%	2950 pF±20%

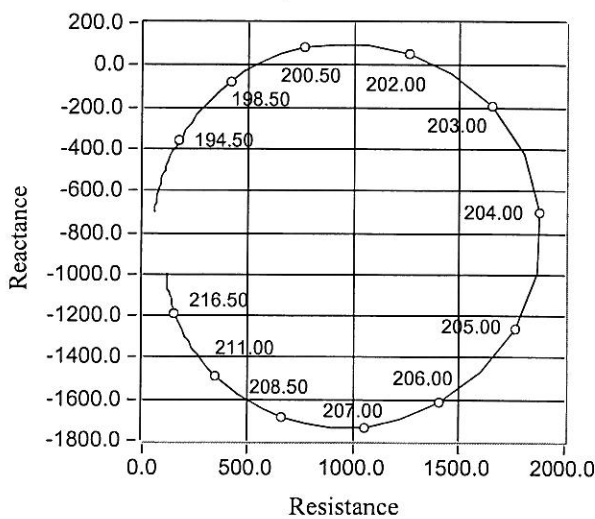
Unbalanced Impedance



Unbalanced Admittance



Balanced Impedance



Balanced Admittance

