

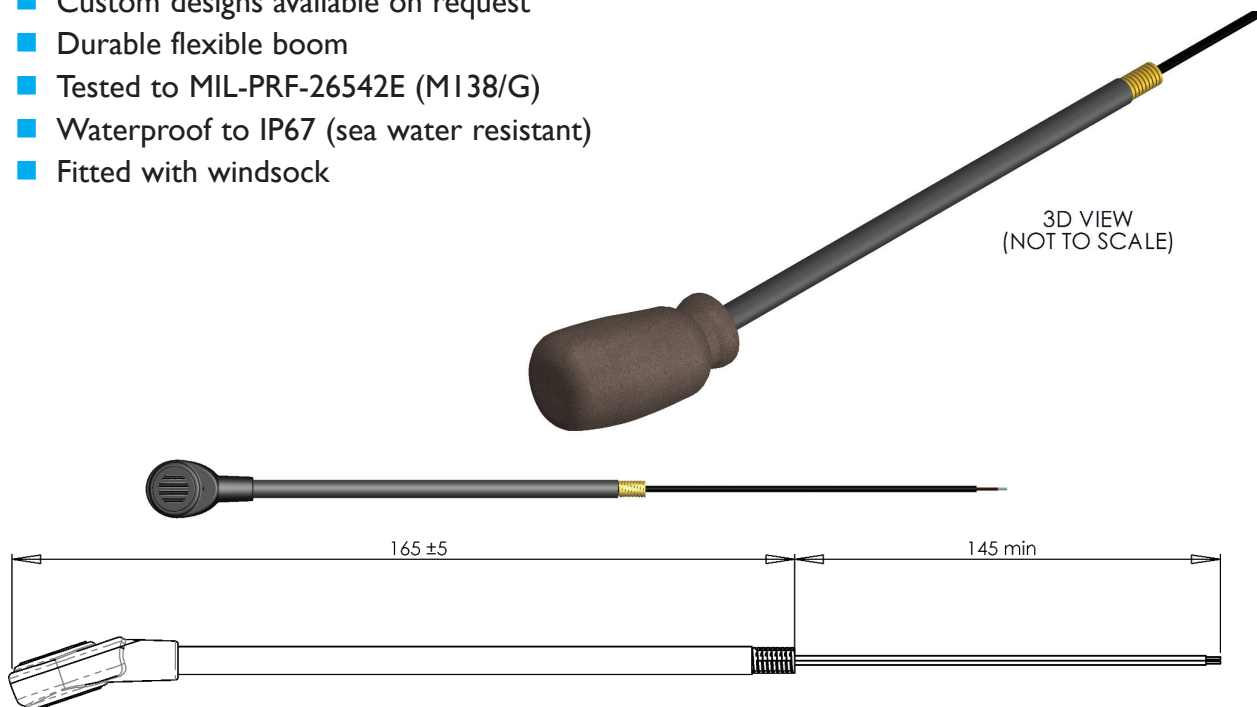
PED 1037/220

Noise Cancelling Dynamic Microphone



- >25dB noise cancelling at 100Hz
- Custom designs available on request
- Durable flexible boom
- Tested to MIL-PRF-26542E (M138/G)
- Waterproof to IP67 (sea water resistant)
- Fitted with windsock

3D VIEW
(NOT TO SCALE)



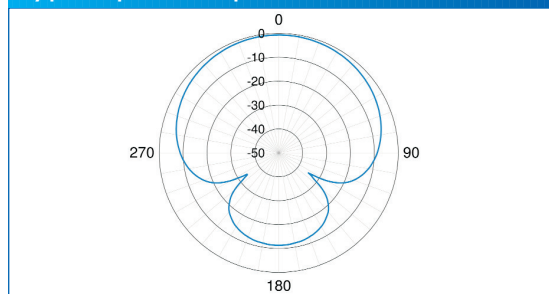
Specification

| | |
|---------------|---------------------------------|
| Sensitivity | -64dBV/Pa ±5 typical into 220Ω |
| Freq response | 200Hz to 10kHz |
| Distortion | <5% at +26dB |
| Terminals | Wire ended |
| Impedance | 220Ω |
| High temp | 49°C Operation & 71°C Storage |
| Low temp | -20°C Operation & -40°C Storage |
| Fungus | Method 508.6 of Mil-Std 810 |
| Dust | Method 510.5 |

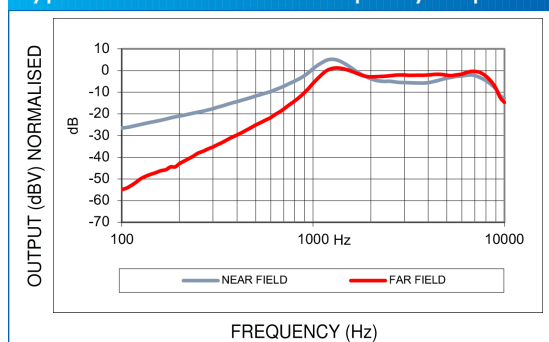
Tested (by independent test facility) to

| | |
|---------------|---------------------------------|
| Thermal shock | Method 107 Mil-Std 202 |
| Humidity | Method 507 Mil-Std 810 |
| Drop | 12 drops from 6ft onto concrete |
| Salt fog | Method 509 Mil-Std-810 |
| Vibration | Method 201 Mil-Std-202 |
| Bounce | Method 514.4 Mil-Std-810 |
| Immersion | 3ft 2 hours (IP67) |
| Gun blast | US Navy SK-N-864 |
| Dust | Method 510.5 |

Typical polar response at 1kHz/1m



Typical near and far field frequency response



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