

10PR410

10" - 300 W - 99 dB - 8 Ohm



NOMINAL SPECIFICATIONS

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|----------------------------------|---|
| Nominal Diameter | 250 mm (10 in) |
| Overall Diameter | 261 mm (10.28 in) |
| Bolt Circle Diameter | 246 mm (9.69 in) |
| Baffle Cutout Diameter | 230 mm (9.06 in) |
| Depth | 131 mm (5.16 in) |
| Flange and Gasket Thickness | 11.5 mm (0.45 in) |
| Net Weight | 7.5 kg (16.6 lb) |
| Shipping Box (Single Carton Box) | 294 x 290 x 203 mm (11.6 x 11.4 x 8.0 in) |
| Shipping Weight | 8.1 kg (17.9 lb) |

PART NUMBER

| | |
|----------------------------------|----------|
| Faston Terminals - 8 Ohm Version | 02504171 |
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NOTES:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) Treated Polycotton
- (4) $X_{max} = [(winding\ depth - magnetic\ gap\ depth)/2] + (magnetic\ gap\ depth/3)$
- (5) Maximum excursion before permanent damage

TECHNICAL PARAMETERS

| | |
|--------------------------------------|--|
| Nominal Impedance | 8 Ohm |
| Minimum Impedance | 6.8 Ohm |
| AES Power Handling (1) | 300 W |
| Maximum Power Handling (2) | 600 W |
| Sensitivity (1W/1m) | 99 dB |
| Frequency Range | 100-2000 Hz |
| Voice Coil Diameter | 65 mm (2.56 in) |
| Winding Material | Al |
| Former Material | Glass Fiber |
| Winding Depth | 12.5 mm (0.49 in) |
| Magnetic Gap Depth | 10.5 mm (0.41 in) |
| Flux Density | 1.3 T |
| Magnet | Ferrite Ring |
| Basket Material | Aluminum |
| Demodulation | Aluminum Ring |
| Cone Surround (3) | Accordion (4 Waves) |
| NET Air Volume filled by Loudspeaker | 2 dm ³ (0.070 ft ³) |
| Spider Profile | 1x variable height waves |

THIELE & SMALL PARAMETERS

| | |
|-------------|--|
| Fs | 60 Hz |
| Re | 5.4 Ohm |
| Qes | 0.23 |
| Qms | 10.5 |
| Qts | 0.23 |
| Vas | 32.0 dm ³ (1.13 ft ³) |
| Sd | 345 cm ² (53.48 in ²) |
| Xmax (4) | 4.50 mm |
| Xdamage (5) | 12.2 mm |
| Mms | 36.5 g |
| Bl | 18.5 N/A |
| Le | 0.6 mH |
| Mmd | 29.3 g |
| Cms | 0.19 mm/N |
| Rms | 1.3 kg/s |
| Eta Zero | 3.09 % |
| EBP | 261 Hz |

