

12PR310

12" - 300 W - 99 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	300 mm (12 in)
Overall Diameter	316 mm (12.44 in)
Bolt Circle Diameter	298.5 mm (11.75 in)
Baffle Cutout Diameter	282 mm (11.10 in)
Depth	135 mm (5.31 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Flange and Gasket Thickness Net Weight	, ,
	12 mm (0.47 in) 4.3 kg (9.5 lb) 350 x 346 x 190 mm (13.8 x 13.6 x 7.5 in)

PART NUMBER

Push Terminals - 8 Ohm Version	03004082

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) Xmax= [(winding depth magnetic gap depth)/2] + (magnetic gap depth/3)
- (5) Maximum excursion before permanent damage

TECHNICAL PARAMETERS 8 Ohm Nominal Impedance 6.7 Ohm Minimum Impedance AES Power Handling (1) 300 W Maximum Power Handling (2) 600 W Sensitivity (1W/1m) 99 dB Frequency Range 50÷4000 Hz Voice Coil Diameter 65 mm (2.56 in) Winding Material Former Material Glass Fiber Winding Depth 12.5 mm (0.49 in) Magnetic Gap Depth 8 mm (0.31 in) 1.2 T Flux Density Ferrite Ring Magnet Basket Material Aluminum

Demodulation

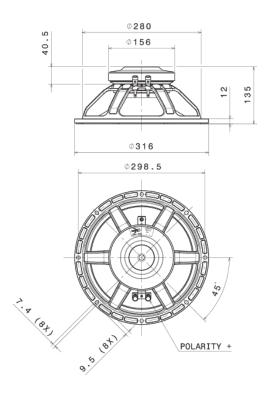
Spider Profile

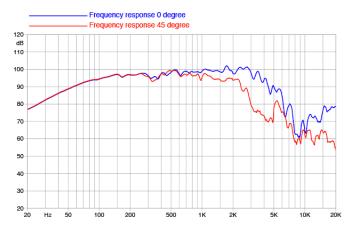
Cone Surround (3)

NET Air Volume filled by Loudspeaker

THIELE & SMALL PARAMETERS

Fs	54 Hz
Re	5.4 Ohm
Qes	0.41
Qms	11.6
Ots	0.40
Vas	73.5 dm^3 (2.59 ft^3)
Sd	533 cm^2 (82.62 in^2)
Xmax (4)	4.92 mm
Xdamage (5)	15.25 mm
Mms	46.9 g
BI	14.4 N/A
Le	0.61 mH
Mmd	33.0 g
Cms	0.19 mm/N
Rms	1.4 kg/s
Eta Zero	2.71 %
EBP	132 Hz





M-Roll

1.9 dm^3 (0.067 ft^3)

1x variable height waves

