# **HORN 1 INCH**

# PR 312

## INTERNAL REF. 711000

# KEY FEATURES

1 in throat entry Exponential profile 80° x 60° polar dispersion ABS + fiberglass framework



#### **MEASURE CONDITIONS**

Measurement executed in free air (1m) in semi-anechoic

chamber.

Polars were acquired by placing the unit on a computer

controlled turntable inside chamber.

Applied RMS Voltage is set to 2.83 V for 8 ohm nominal impedance.

#### GENERAL SPECIFICATIONS

Throat Diameter	1 in - 25 mm
Minimum Crossover Frequency (1)	600 Hz
Frequency Range	0.5 ÷ 20 kHz
Material	ABS + fiber glass
Horizontal Coverage Angle (2)	80 degree
Vertical Coverage Angle (2)	60 degree
Directivity Index (2) (3)	3.4 dB
Horizontal Progression	Exponential
Colour	Black Sandblased Finish
Vertical Progression	Exponential
Total Volume Size	2.91 dm <sup>3</sup> (0.1 ft)

#### NOTES

(1) Free space acoustic loading (4 sr).

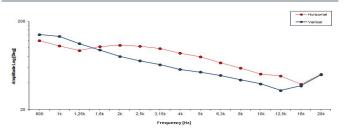
(2) Coverage value -6 dB is averaged on frequency range 1.25 ÷ 12.5 kHz.

(3) Measured step is 5° one-third octave polar, averaging values on horizonta and vertical planes.

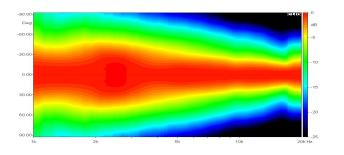
#### **MECHANICAL & SHIPPING INFORMATIONS**

Net weight	0.7 Kg (1.54 lb)
Mouth Height	199 mm (7.83 in)
Mouth Width	319 mm (12.56 in)
Depth	210 mm (8.27 in)
Mouth Mounting Holes	8 x 6 mm (0.24 in)
Shipping Box Size (mm)	345 x 225 x 245
Shipping Box Size (in)	13.6 x 8.9 x 9.6

#### BEAMWIDTH



#### HORIZONTAL DIRECTIVITY



CIARE

## VERTICAL DIRECTIVITY

