

# 2FE24



2.5" - 20 W - 85 dB - 8 Ohm

## NOMINAL SPECIFICATIONS

Nominal Diameter	66 mm (2.5 in)
Overall Diameter	88/68 mm (3.46/2.68 in)
Bolt Circle Diameter	75 mm (2.95 in)
Baffle Cutout Diameter	60.5 mm (2.38 in)
Depth	32.5 mm (1.28 in)
Flange and Gasket Thickness	6 mm (0.24 in)
<b>Net Weight</b>	<b>122 g (0.3 lb)</b>
Shipping Box (Single Carton Box - 36 units)	285 x 285 x 255 mm (11.2 x 11.2 x 10 in)
Shipping Weight (36 units)	5.8 kg (12.8 lb)

## PART NUMBER

Faston Terminals - 8 Ohm Version	00664365
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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) NBR (Rubber)
- (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	6.6 Ohm
AES Power Handling (1)	20 W
<b>Maximum Power Handling (2)</b>	<b>40 W</b>
<b>Sensitivity (1W/1m)</b>	<b>85 dB</b>
Frequency Range	170-20000 Hz
<b>Voice Coil Diameter</b>	<b>19 mm (0.75 in)</b>
Winding Material	Al
Former Material	Kapton
Winding Depth	4.5 mm (0.18 in)
<b>Magnetic Gap Depth</b>	<b>3 mm (0.12 in)</b>
Flux Density	1.3 T
Magnet	Neodymium Ring
Basket Material	Polycarbonate
Demodulation	No
Cone Surround (3)	Half Roll
NET Air Volume filled by Loudspeaker	0.030 dm <sup>3</sup> (0.001 ft <sup>3</sup> )
Spider Profile	1x constant height waves

## THIELE & SMALL PARAMETERS

Fs	170 Hz
Re	6.5 Ohm
Qes	1.22
Qms	4.1
Qts	0.94
Vas	0.3 dm <sup>3</sup> (0.01 ft <sup>3</sup> )
Sd	20.1 cm <sup>2</sup> (3.12 in <sup>2</sup> )
Xmax (4)	1.75 mm
Xdamage (5)	5.3 mm
Mms	1.9 g
Bl	3.5 N/A
Le	0.11 mH
Mmd	1.8 g
Cms	0.46 mm/N
Rms	0.5 kg/s
Eta Zero	0.12 %
EBP	139 Hz

