faital PRO PROFESSIONAL LOUDSPEAKERS

2FE22

2.5" - 25 W - 89 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	35.5 mm (1.40 in)
Flange and Gasket Thickness	6 mm (0.24 in)
Net Weight	**184 g (0.4 lb)**
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)	8 kg (17.6 lb)

PART NUMBER

Faston Terminals - 8 Ohm Version	00664410

NOTES:

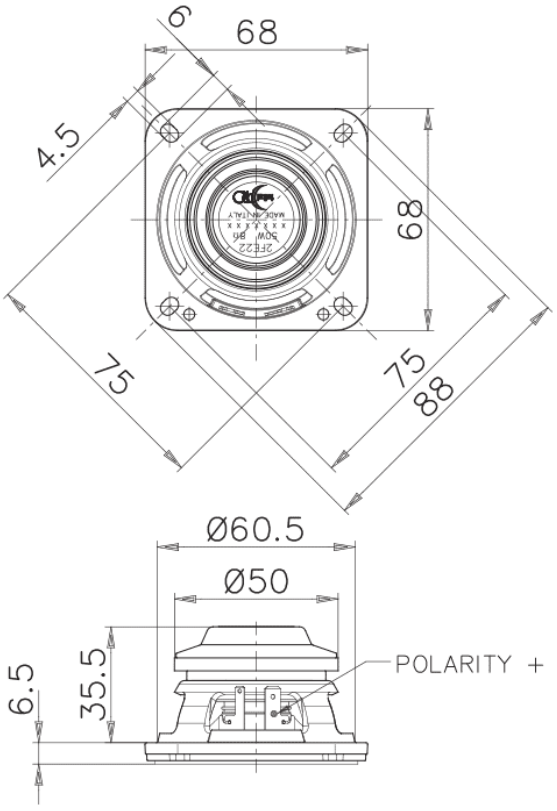
(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) EPDM (Rubber)
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage

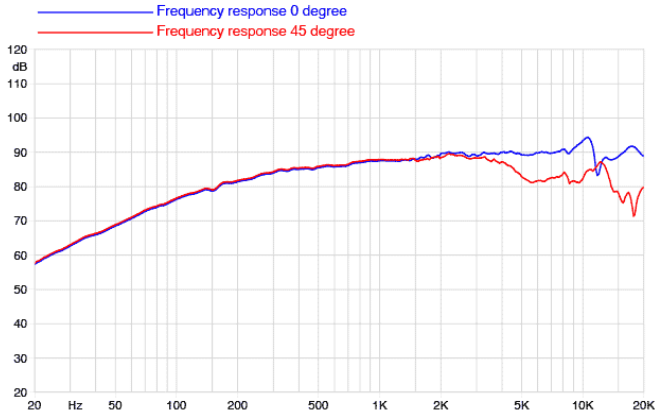
TECHNICAL PARAMETERS

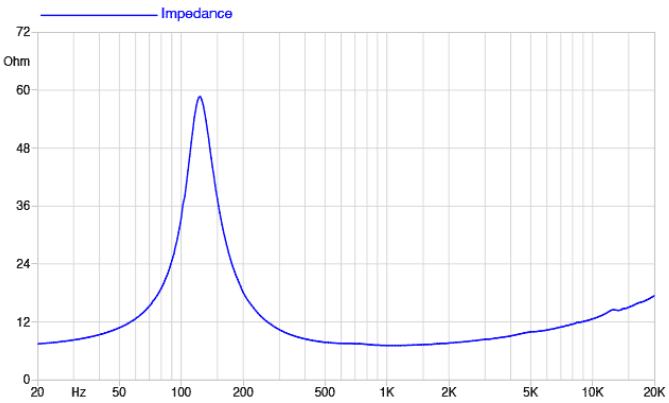
Nominal Impedance	8 Ohm
Minimum Impedance	7.1 Ohm
AES Power Handling **(1)**	25 W
Maximum Power Handling (2)	**50 W**
Sensitivity (1W/1m)	**89 dB**
Frequency Range	125÷20000 Hz
Voice Coil Diameter	**19 mm (0.75 in)**
Winding Material	Al
Former Material	Kapton
Winding Depth	6.8 mm (0.27 in)
Magnetic Gap Depth	**3 mm (0.12 in)**
Flux Density	1.65 T
Magnet	Neodymium Ring
Basket Material	Polycarbonate
Demodulation	No
Cone Surround **(3)**	Half Roll
NET Air Volume filled by Loudspeaker	0.030 dm^3 (0.001 ft^3)
Spider Profile	1x constant height waves

THIELE & SMALL PARAMETERS

Fs	125 Hz
Re	6.5 Ohm
Qes	0.43
Qms	3.1
Qts	0.38
Vas	0.5 dm^3 (0.02 ft^3)
Sd	20.1 cm^2 (3.12 in^2)
Xmax **(4)**	2.90 mm
Xdamage **(5)**	5.3 mm
Mms	2 g
Bl	5.2 N/A
Le	0.15 mH
Mmd	1.9 g
Cms	0.81 mm/N
Rms	0.5 kg/s
Eta Zero	0.23 %
EBP	291 Hz







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