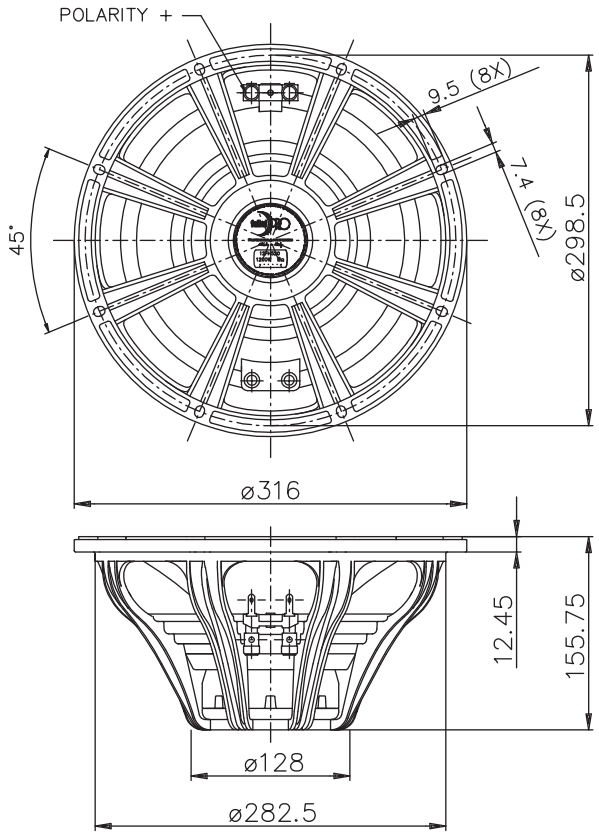
faital PRO PROFESSIONAL LOUDSPEAKERS *Made in Italy*

12FH520

12" - 600 W - 97 dB

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	284 mm (11.18 in)
Depth	155.75 mm (6.13 in)
Flange and gasket Thickness	12.45 mm (0.49 in)
Net Weight	**4.2 kg (9.3 lb)**
Shipping Box	350 x 346 x 216 mm
(Single Carton Box)	(13.8 x 13.6 x 8.5 in)
Shipping Weight	5 kg (11.0 lb)

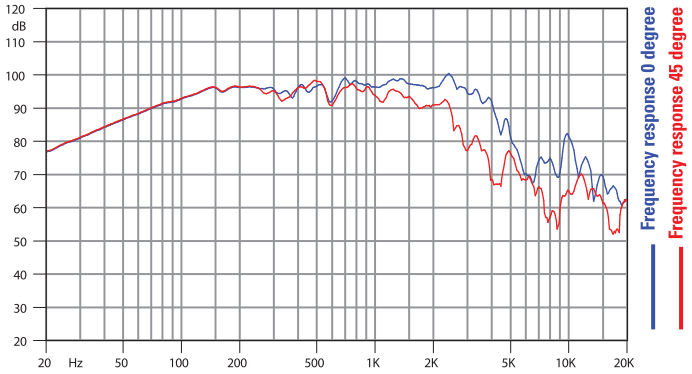


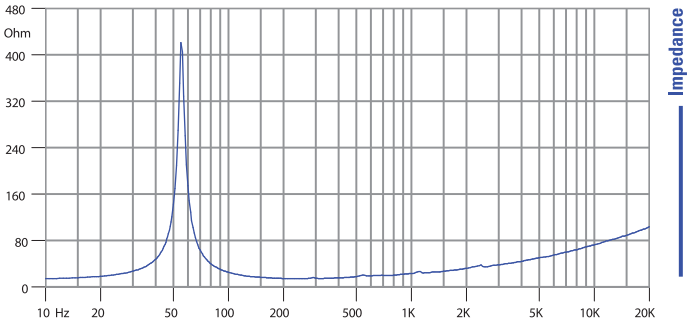
TECHNICAL PARAMETERS

Nominal Impedance	16 Ω
Minimum Impedance	15 Ω
AES Power Handling (1)	600 W
Maximum Power Handling (4)	**1200 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	50÷4000 Hz
Voice Coil Diameter	**77 mm (3 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	18 mm (0.71 in)
Magnetic Gap Depth	**12 mm (0.47 in)**
Flux Density	1.1 T
Magnet	**Neodymium Slug**
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround (5)	Triple Roll
NET Air Volume filled by Loudspeaker	2.4 dm³ (0.085 ft³)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	55 Hz
Re	12.8 Ω
Qes	0.48
Qms	17
Qts	0.47
Vas	49 dm³ (1.73 ft³)
Sd	500 cm² (77.50 in²)
Xmax (2)	7.00 mm
Xdamage (3)	19.5 mm
Mms	60.5 g
Bl	23.5 N/A
Le	1.6 mH
Mmd	54.2 g
Cms	0.14 mm/N
Rms	1.23 kg/s
ℕ₀ (Eta Zero)	1.63 %
EBP	115 Hz





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