## CELESTION

# **Full Range Loudspeakers AF3010**



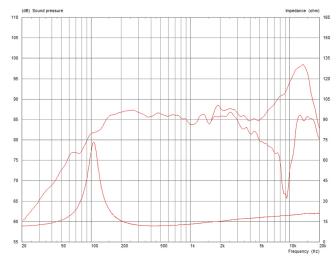
### Packed Dimensions & Weight

Multi pack qty Multi pack size W x D x H

Multi pack weight

680mm x 260mm x 150mm / x 26.7in 10.2in x 5.9in 34kg / 75lb

#### Frequency Response and Impedance curves



#### 3-inch ferrite-magnet compact full-range driver

- Specially treated weather-resistant cone
- Half roll elastomer surround
- Rising HF response

**70W** 87dB 1-inch sensitivity Round copper Continuous power rating voice coil

Nominal Diameter 75mm / 3in Power Rating 35W Continuous power rating 70W Rated impedance 16 ohm Sensitivity 87dB 120-18,000Hz Frequency range Chassis type Pressed steel Magnet type Ferrite Magnet weight 0.228kg / 8oz Voice coil diameter 25mm / 1in Voice coil material Round copper Former material Polyimide Cone material Waterproof coated paper

Surround material Elastomer Suspension Single 5mm / 0.2in

Gap height (Hg) VC winding height (Hvc) 8mm / 0.31in

### Mounting Information

Overall diameter 81mm / 3.19in Overall depth 57mm / 2.2in Cut-out diameter 72mm / 2.8in

Mounting hole dimensions 6x4.5mm / 0.24x0.18in Number of mounting holes Mounting hole PCD 91.3-93mm / 3.59-3.65in

Unit weight 580g / 1.3lb

33.18cm<sup>2</sup> / 5.14in<sup>2</sup> Sd Fs 128.9Hz Mms 3.55g / 0.13oz Qms 6.096 Qes 0.843 Qts 0.740 Re 10.48 ohm 0.67I / 0.02ft<sup>3</sup> Vas 5.98Tm ВΙ 0.43mm/N Cms Rms 0.47kg/s Le (at 1kHz) 0.26mH 2.75mm / 0.11in **Xmax** 

Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker

Continuous power rating: Defined as 3dB greater than the AES rating. Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic environment. Xmax: 0.5\*(Hvc-Hg) + 0.25\*Hg

**Parameters:** Measured after unit subjected to pre-conditioning signal.