# CELESTION

# **Coaxial Loudspeakers TFX0515**



# Packed Dimensions & Weight

Single pack size W x D x H

Single pack weight Multi pack qty Multi pack size W x D x H

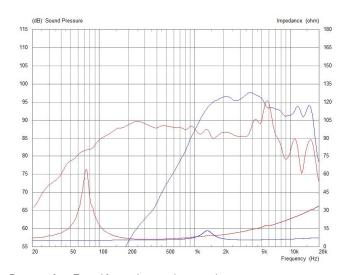
Multi pack weight

200mm x 220mm x 125mmm / 7.9in x 8.7in x 4.9in 2.2kg / 4.85lb

750mm x 290mm x 310mm / x 29.5in 11.4in x 12.2in

50kg / 110lb

# **Frequency Response and Impedance Curves**



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

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

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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

Suggested crossover design available online at celestion.com/speakerworld

# 5-inch pressed steel chassis, ferrite magnet coaxial driver

Silk dome tweeter

100° nominal HF coverage

300W

Continuous power rating 89dB sensitivity

1.5in

Round copper voice coil

1in

# **General Specifications**

Nominal Diameter 125mm / 5in 150W Power Rating 300W Continuous power rating Rated impedance 8 ohm Sensitivity 89dB Frequency range 80-4000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 0.65kg / 23oz Voice coil diameter 38mm / 1.5in Round copper Voice coil material Former material Polyimide Cone material Kevlar loaded paper Surround material Elastomer Suspension Single Gap height (Hg) 6mm / 0.24in VC winding height (Hvc) 10.5mm / 0.41in

# **Mounting Information**

Overall diameter 136x151mm / 5.4x5.9in Overall depth 72mm / 2.8in Cut-out diameter 116mm / 4.6in Mounting hole dimensions 4.5mm / 0.18in Number of mounting holes Mounting hole PCD 140mm / 5.5in Unit weight 1.6kg / 3.5lb

Sd 95cm<sup>2</sup> / 14.72in<sup>2</sup> Fs 74Hz Mms 9.073g / 0.32oz Qms 8.293 Qes 0.503 0.474 Ots 5.77 ohm Re Vas 6.53I / 0.23ft<sup>3</sup> 6.96Tm ΒI 0.509mm/N Cms 0.509kg/s Rms Le (at 1kHz) 0.363mH **Xmax** 3.75mm / 0.14in

### **Additional HF Specifications**

10W Power rating Continuous power rating 20W Rated impedance 8 ohm Sensitivity 96dB Frequency range 1400-20,000Hz 2200Hz

Recommended min. crossover 12d

B/oct

Voice coil diameter 25mm / 1in Magnet type Neodymium Diaphragm material Silk Surround material Silk

