Specifications

SF 26X

Audio/acoustic and electrical

Speaker type	2-way, open back ceiling speaker
Frequency range	50 Hz to 20 kHz, -10 dB, half space
Power capacity	25 W (rms) continuous pink noise 50 W (rms) continuous program
Nominal sensitivity	86 dB SPL, 1 W, 1 m, half space
Nominal impedance	8 ohms
Crossover frequency	4.2 kHz
Nominal coverage angle	110° conical coverage
Woofer	(1) 6.5" (165.1 mm) polypropylene cone with moisture resistant coating
Tweeter	(1) 3/4" (19.05 mm) PEI dome
Overload protection	Full range power limiter, protecting the tweeter, woofer, and crossover
Input connector	(1) 5 mm captive screw connector, 4 pole with loop-through

General

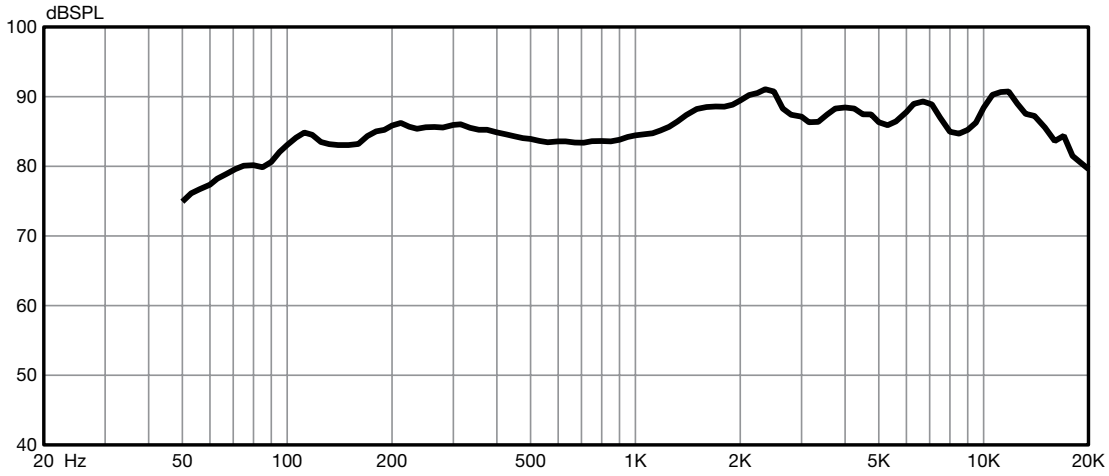
Package	2 speakers (1 pair)
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Mounting	Ceiling mountable by itself or with optional ceiling mount kit
Baffle type	Plastic, open back, infinite baffle design
Outer dimensions	3.0" H x 9.0" diameter (7.5 cm H x 22.9 cm diameter) From front/bottom of the ceiling tile to the top of withdrawn locking arms
Cutout dimensions	7.6" diameter (19.4 cm diameter)
Product weight	2.6 lbs (1.2 kg) each
Shipping weight	9 lbs (4 kg) per pair
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Environmental	Complies with the appropriate requirements of RoHS, WEEE
Warranty	5 years parts and labor

NOTE: All nominal levels are at ±10%.

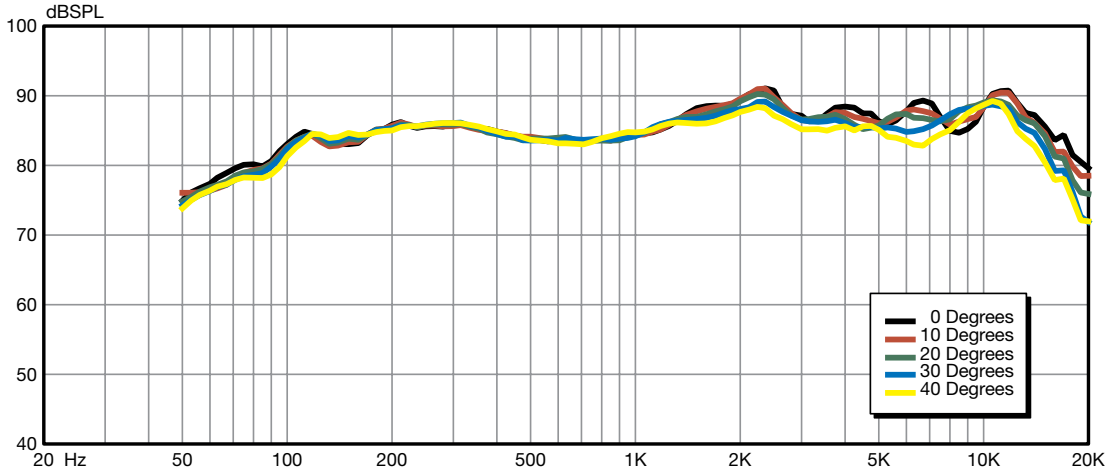
NOTE: Specifications are subject to change without notice.

SF 26X RESPONSE GRAPHS – FREQUENCY AND IMPEDANCE

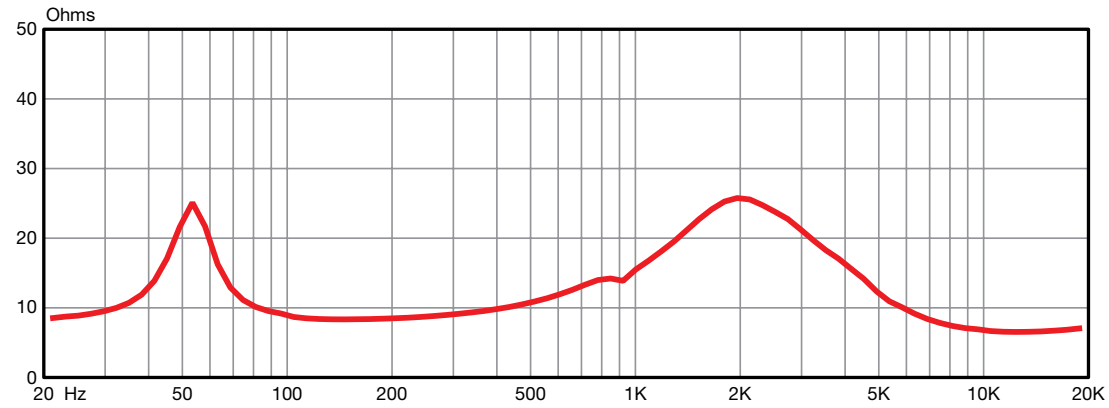
SPL vs. FREQUENCY – 1 WATT @ 1 METER RESPONSE, HALF SPACE (2π)



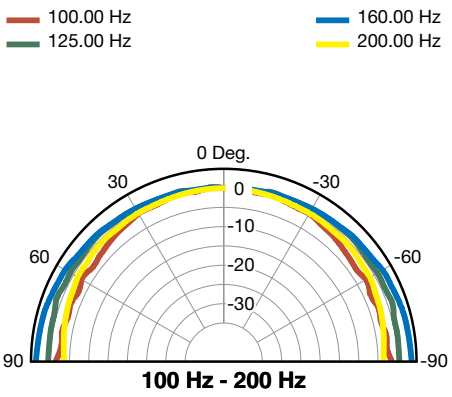
SPL vs. FREQUENCY – HORIZONTAL OFF-AXIS RESPONSE, HALF SPACE (2π)



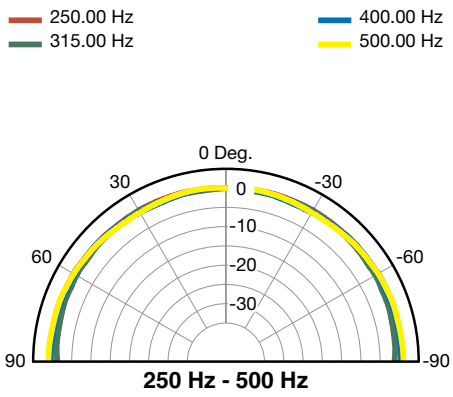
IMPEDANCE vs. FREQUENCY



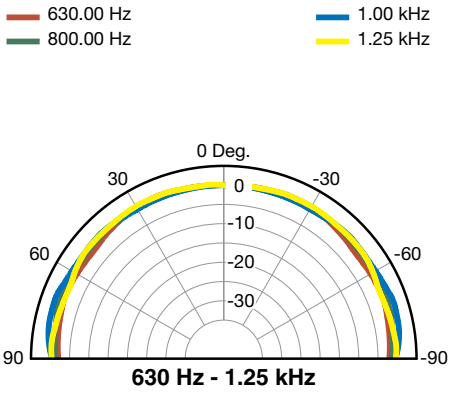
SF 26X POLAR GRAPHS – ⅓ OCTAVE, HORIZONTAL



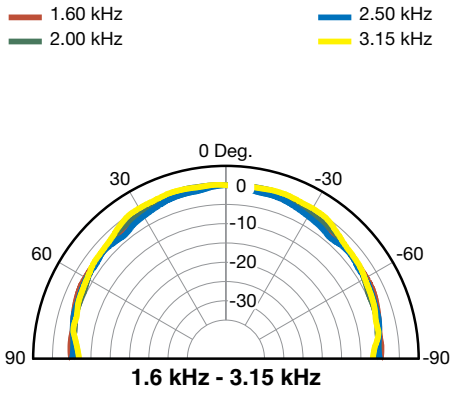
100 Hz - 200 Hz



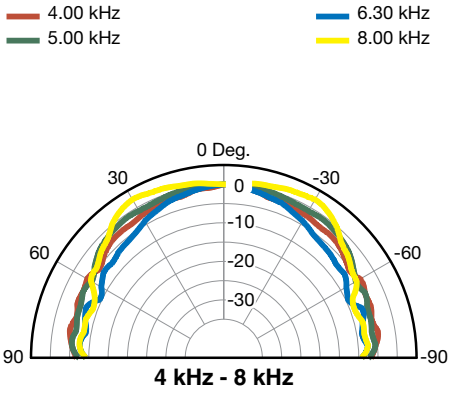
250 Hz - 500 Hz



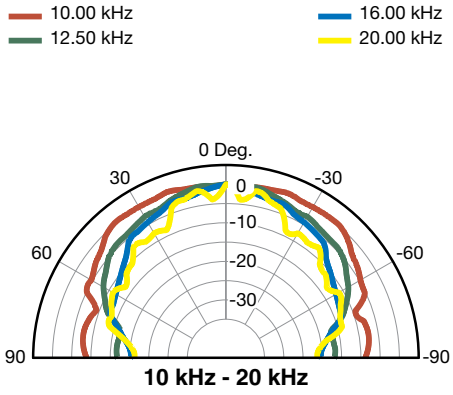
630 Hz - 1.25 kHz



1.6 kHz - 3.15 kHz



4 kHz - 8 kHz



10 kHz - 20 kHz