

KEY FEATURES

1000W AES Power Handling
 100mm(4 in) copper voice coil
 39.5 – 1.5K Hz response
 98 dB SPL



TYPICAL CHARACTERISTICS

Nominal Diameter	–	mm	462
Rated impedance	–	Ω	8
Half space sensitivity (1w@1m)	–	dB SPL	98
Usable freq. range	–	Hz	39.5–1500
AES Power handling (1)	–	W	1000
Maximum Power Handling (2)	–	W	2000
Magnet Diameter	–	mm	220
Voice Coil Diameter	–	mm	100
BL product	BL	N/A	26.5

THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS)

Resonance frequency	Fs	Hz	39.5($\pm$ 5)
DC Resistance	Re	Ω	5.6($\pm$ 0.5)
Mechanical quality factor	Qms	1	6.3
Electrical quality factor	Qes	1	0.42
Total quality factor	Qts	1	0.41
Max linear excursion	Xmax	$\pm$ mm	10
Reference efficiency	h0	%	2.8

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	462 mm
Bolt Circle Diameter	441 mm
Baffle Cutout Diameter	424.5 mm
Depth	198 mm
Net Weight	12.1 kg
Shipping Weight	13.1 kg
Shipping Box	500x500x250 mm

NOTE:

- (1) 2 Hours Test According to AES 2–1984 Rev. 2003
 (2) Maximum power is defined as 3dB greater than nominal power

ABSOLUTE MAXIMUM RATINGS

Short term max. input voltage	Vmax	V	125
Max.excursion before damage	Xdam	$\pm$ mm	16
Ambient operating temperature	Ta	$^{\circ}$ C	–10 to +50
Storage temperature	–	$^{\circ}$ C	–20 to +70
Environmental withstanding Q	–	–	Outdoor

