



# UW 1058

Ultimate Woofer,  
 Ø 10", Ø 5.1" voicecoil, 8Ω



## SPECIFICATIONS

### General Data

Overall Dimensions	DxH	263mmx148.5mm(10.35"x5.84")
Nominal Power Handling (DIN)	P	500W
Transient Power 10ms		1500W
Sensitivity 1W/1M		85.8 dB SPL
Frequency Response		10-2,000 Hz
Cone/Dome Material		Composite cellular fiber
Net Weight	Kg	6.1

### Electrical Data

Nominal Impedance	Z	8Ω
DC Resistance	Re	6.8Ω
Voice Coil Inductance @ 1KHz	LBM	1.33mH

### Voice Coil and Magnet Parameters

Voice Coil Diameter	DIA	130mm (5.1")
Voice Coil Height		37mm (1.45")
HE Magnetic Gap Height	HE	12mm (0.47")
Max. Linear Excursion	X	± 12.5mm (0.49")
Voice Coil Former		Aluminum
Voice Coil Wire		Hexatech™ Aluminum
Number Of Layers		2
Magnet System Type		High flux double ferrite vented
B Flux Density	B	0.64 T
BL Product	BXL	15.3 N.A

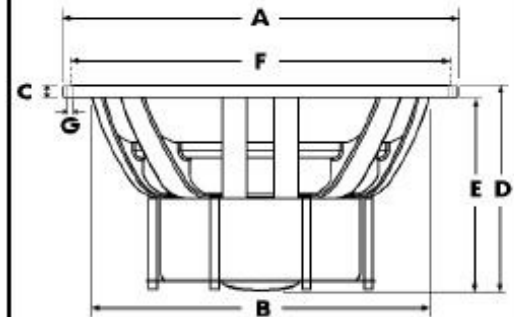
### T-S Parameters

Suspension Compliance	Cms	0.24mm/N
Mechanical Q Factor	Qms	1.72
Electrical Q Factor	Qes	0.58
Total Q Factor	Qts	0.43
Mechanical Resistance	Rms	11.691Kg/s
Moving Mass	Mms	99.3 g
Eq. Cas Air Load (liters)	VAS	40.8 Lt
Resonant Frequency	Fs	26 Hz
Effective Piston Area	SD	346 cm <sup>2</sup>

## FEATURES

- \* Uniflow™ Aluminum diecast chassis
- \* High flux double Ferrite magnet system
- \* 5.1" Large Hexatech™ Aluminum voice coil
- \* One piece paper cone/center dome
- \* High power handling
- \* High Xmax, Low Qts, Low Fs

## Unit Dimensions



- A - Overall diameter 263mm
- B - Cut out diameter 241mm
- C - Flange thickness 6.5mm
- D - Overall height 148.5mm
- E - Basket/magnet depth 142mm
- F - Mounting holes location diameter 253mm
- G - 6 Mounting holes, at 60° interval, inner hole diameter Ø 5mm

