

8PR210

8" - 200 W - 95 dB - 8 Ohm



NOMINAL SPECIFICATIONS		TECHNICAL PARAMETERS		THIELE & SMALL PARAMETERS	
Nominal Diameter	200 mm (8 in)	Nominal Impedance	8 Ohm	Fs	65 Hz
Overall Diameter	223.7/207.9 mm (8.81/8.18 in)	Minimum Impedance	7 Ohm	Re	5.7 Ohm
Bolt Circle Diameter	210 mm (8.27 in)	AES Power Handling (1)	200 W	Qes	0.32
Baffle Cutout Diameter	183 mm (7.20 in)	Maximum Power Handling (2)	400 W	Qms	3.1
Depth	98.5 mm (3.88 in)	Sensitivity (1W/1m)	95 dB	Qts	0.29
Flange and Gasket Thickness	10.8 mm (0.43 in)	Frequency Range	70÷5000 Hz	Vas	15.4 dm^3 (0.55 ft^3)
Net Weight	4.3 kg (9.5 lb)	Voice Coil Diameter	52 mm (2 in)	Sd	216 cm^2 (33.48 in^2)
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)	Winding Material	Al	Xmax (4)	6.92 mm
Shipping Weight	4.6 kg (10.1 lb)	Former Material	Glass Fiber	Xdamage (5)	15.7 mm
PART NUMBER		Winding Depth	16.5 mm (0.65 in)	Mms	25.3 g
Faston Terminals - 8 Ohm Version	02004166	Magnetic Gap Depth	8 mm (0.31 in)	Bl	13.5 N/A
NOTES:		Flux Density	1.3 T	Le	0.46 mH
(1) 2 Hours Test According to AES 2-1984 Rev. 2003		Magnet	Ferrite Ring	Mmd	21.7 g
(2) Maximum power is defined as 3dB greater than nominal power.		Basket Material	Aluminum	Cms	0.24 mm/N
(3) Treated Polycotton		Demodulation	Aluminum Ring	Rms	3.4 kg/s
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)		Cone Surround (3)	Triple Roll	Eta Zero	1.27 %
(5) Maximum excursion before permanent damage		NET Air Volume filled by Loudspeaker	1.06 dm^3 (0.037 ft^3)	EBP	203 Hz
		Spider Profile	1x variable height waves		

