

# 8PR210

8" - 200 W - 95 dB - 8 0hm



# **NOMINAL SPECIFICATIONS**

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.7/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	98.5 mm (3.88 in)
Flange and Gasket Thickness	10.8 mm (0.43 in)
Net Weight	4.3 kg (9.5 lb)
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	4.6 kg (10.1 lb)

# PART NUMBER

Faston Terminals - 8 Ohm Version	02004166

## NOTES:

- (1) 2 Hours Test According to AES 2-1984 Rev. 2003
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) Treated Polycotton
- (4) Xmax= [(winding depth magnetic gap depth)/2] + (magnetic gap depth/3)
- (5) Maximum excursion before permanent damage

### **TECHNICAL PARAMETERS** 8 Ohm Nominal Impedance 7 Ohm Minimum Impedance AES Power Handling (1) 200 W Maximum Power Handling (2) 400 W Sensitivity (1W/1m) 95 dB Frequency Range 70÷5000 Hz Voice Coil Diameter 52 mm (2 in) Winding Material Former Material Glass Fiber Winding Depth 16.5 mm (0.65 in) Magnetic Gap Depth 8 mm (0.31 in) Flux Density 1.3 T Ferrite Ring Magnet Basket Material Aluminum Demodulation Aluminum Ring

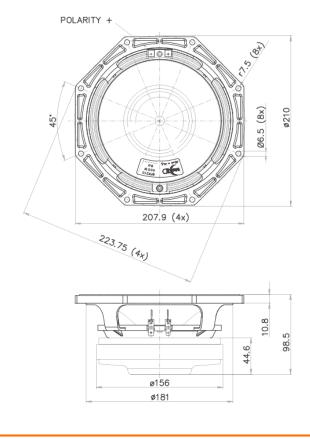
Cone Surround (3)

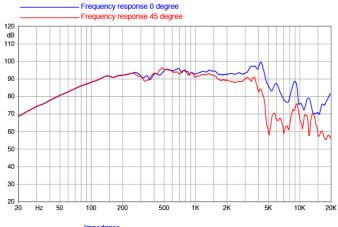
Spider Profile

NET Air Volume filled by Loudspeaker

# **THIELE & SMALL PARAMETERS**

Fs	65 Hz
Re	5.7 Ohm
Qes	0.32
Qms	3.1
Ots	0.29
Vas	15.4 dm^3 (0.55 ft^3
Sd	216 cm^2 (33.48 in^2)
Xmax (4)	6.92 mm
Xdamage (5)	15.7 mm
Mms	25.3 g
BI	13.5 N/A
Le	0.46 mH
Mmd	21.7 g
Cms	0.24 mm/N
Rms	3.4 kg/s
Eta Zero	1.27 %
EBP	203 Hz





Triple Roll

1.06 dm^3 (0.037 ft^3)

1x variable height waves

