

MOULDED CABINET LOUDSPEAKER

➤ **PBC6/T**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PBC6/T or equal and approved. The enclosure shall be ported with an open back and constructed of high impact ABS plastic, treated with UV inhibitors. The bowed grille will be manufactured from mild steel construction with an epoxy coated finish. The speaker assembly shall comprise of a 160mm diameter bass/mid-range treated coned loudspeaker and shall be fitted with a 6 watt/100 volt line factory fitted transformer with the power taps clearly marked on the assembly.

The loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

RATED POWER	6w
TAPPINGS 100v LINE	6/3/1.5/0.75/0.25w
EFFECTIVE FREQUENCY RANGE	160 - 18kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	96dB
DISPERSION AT 1k/2kHz	180/120
AXIAL Q FACTOR AT 1k/2kHz	3.6/5.8
COLOUR	WHITE

All units to be tested in accordance with BSEN60268-5



Penton UK Ltd

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MOULDED CABINET LOUDSPEAKER

➤ **PBC6/TC**



ARCHITECTS & ENGINEERS SPECIFICATION

The unit shall be the PENTON model PBC6/TC or equal and approved. The enclosure shall be ported with an open back and constructed of high impact ABS plastic, treated with UV inhibitors. The bowed grille will be manufactured from mild steel construction with an epoxy coated finish. The speaker assembly shall comprise of a 160mm diameter bass/mid-range treated coned loudspeaker and shall be fitted with a 6 watt/100 volt line factory fitted transformer with the power taps clearly marked on the assembly.

The PBC6/TC will be suitable for voice alarm applications and will be supplied with ceramic terminals to take 2 x 2.5mm² conductors and a thermal fuse rated at 150°.

The loudspeaker shall have a wide-angle dispersion. The cone shall be a damped, high compliance type with a smooth extended frequency response.

This loudspeaker must be compliant to BS5839 part 8 & EN60849.

RATED POWER	6w
TAPPINGS 100v LINE	6/3/1.5/0.75/0.25w
EFFECTIVE FREQUENCY RANGE	160 - 18kHz
SPL @ 1w/m (TEST SIGNAL 100Hz - 10kHz)	96dB
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