

# TD 720

## CONSTANT DIRECTIVITY HORN

### DESCRIPTION

This 2<sup>nd</sup> entry horn is designed to provide uniform on and off-axis response. The constant directivity characteristics of this model ensure the ability to cover 90° wide horizontally and 40° wide vertically, at virtually any frequency within its operational range. To ensure freedom of resonance, this flare is constructed of heavy-duty reinforced fibreglass, and aluminium adapter for precise pattern control.

Mounting holes are provided to facilitate three-point hanging.

### SPECIFICATIONS

throat diameter	49 mm	Construction:	Reinforced fibreglass.
Horizontal Beamwidth	90°	Dimensions: (HxWxD):	700x660x735 mm
Vertical Beamwidth	40°	Net Weight:	8.5 kg
Directivity Factor (Q)	8.9 (average 630Hz - 16 kHz)	Shipping Weight:	12 kg
Directivity Index (DI)	9.5 dB (+1.2 dB, -1.1 dB)		
Cut-off Frequency	400 Hz		

### Notes:

The polar plots are reproduction of measurements done with single sinusoidal signal tones, at the indicated frequencies. The microphone was placed 2 m from the horn, and rotation was about the centre of the emitter source.

