

CORDLESS COLLAR MICROPHONE, MATERIAL. CODE-CG5200000548

Sl. No	DESCRIPTION FOR BHEL REQUIREMENT	Weather complied Yes/ No	Remarks
	Technical Specification		
	<u>UHF wireless Microphones-Lapel(Collar)</u>		
1.0	Audio Input level: +10dBv maximum at 0dB gain position +20dBv maximum at -10dB gain position.		
	<u>RF, Transmitter Output:</u>		
2.0	30mw maximum		
3.0	Gain adjustment Range 30dB		
4.0	Input Impedance 1M Ω .		
5.0	Power Requirements: 2 "AA" size alkaline rechargeable batteries. battery life: >8 hours(alkaline)		
	<u>Receiver</u>		
6.0	Audio output level (Ref. +/-38K-hz deviation with 1KHz tone)		
7.0	XLR connector (into 600 Ω load): 13 dBV		
8.0	1/4 inch connector (into 3000 Ω load): -2dBV.		
9.0	Sensitivity: -105dBm for 12dB SINAD, typical		
10.0	Image Rejection: >70dB typical		
11.0	Power Requirements: 12-18Vdc at 150mA, supplied by external power supply. The DC power adaptor should be supplied by the vendor.		
12.0	Output Impedance: XLR connector: 200 Ω . ¼ inch connector : 1k Ω .		
	<u>General</u>		
13.0	Cordless Collar mics. should be able to operate at different frequencies so that at a time all Collar mics can be used simultaneously close to each other without any interference.		
14.0	Should be compatible with Ahuja amplifiers.		
15.0	Power Cables, Audio output connector cable and required number of batteries for operating / proving out the microphone at our place should be provided with the microphone set.		
16.0	Make and model of the item (Please specify)		
17.0	Catalogue of the item to be submitted		
18.0	List of customers to whom this item already supplied. The list to be attached		