



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

Ref. PR No. 1000042271

RFx. No. 6100002003

Item Description: **Medium Voltage differential probe (Quantity – 2)**

Sr. No	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	Input Voltage Differential mode RMS Max	20 KV or more		
2.	Input Voltage Differential Mode Peak	30 kV or more		
3.	Common Mode Peak Max	15 KV or more		
4.	Bandwidth	100 MHz or more		
5.	Rise Time	3 ns or less		
6.	Accuracy	0.1% or less		
7.	Output Connector	BNC		
8.	Input Lead Length	20 cm or more		
9.	Input capacitance	2 pF or less (each input to GND)		
10.	Input impedance	20 Mega Ohms (each input to GND) or more		
11.	Cable Length (input lead to oscilloscope connection)	1 m or more		
12.	Adapter	230VAC power adapter		
13.	Adapter Cable Length (between the probe and the power supply)	1.5 m or more		
14.	Warranty	3 Years or more		
15.	Unit Weight	3 kg or less		
16.	Operating Temperature	-10° C to +80° C or more		