



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

MATERIALS MANAGEMENT DIVISION

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Technical specifications for “Microcavity characterization system”

REQUIRED specifications:

Optical spectrum analyzer -

| | |
|-----------------------------|----------------|
| Wavelength Range | 600 – 1700 nm |
| Wavelength min | 600nm |
| Wavelength max | 1700nm |
| Spectral Accuracy | +/- 2 ppm |
| Spectral Precision | 1ppm |
| Wavelength Meter Resolution | 0.1 ppm |
| Wavelength Meter Precision | 0.2 ppm |
| Input Power (Max) | 10 mW (10 dBm) |
| Input Damage Threshold | 20 mW (13 dBm) |
| Power Level Accuracy | +/- 1 dB |
| Optical Rejection Ratio | 30 dB |

**ALL ELECTRICAL CONNECTIONS SHOULD BE COMPATIBLE WITH
INDIAN STANDARD**