

MASTER OPTICAL UNIT - MIMO (4 OR 8 PORTS)



| MASTER OPTICAL UNIT | |
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| 1. Technology Specifications: | |
| Supported Technologies | GSM, DCS, UMTS, LTE (TDD & FDD) |
| Supported Bands | LTE850: 824 – 844 MHz / 869 – 889 MHz GSM900 / LTE900: 890 – 915 MHz / 935 – 960 MHz GSM1800 / LTE1800: 1710 – 1785 MHz / 1805 – 1880 MHz UMTS2100 / LTE2100: 1920 – 1980 MHz / 2110 – 2170 MHz LTE2300: 2300-2400 MHz LTE2600: 2500-2700 MHz |
| Supported LTE Configurations | UL/DL Configurations: Config 0-6 Special Subframe Configurations: Config 0-8 (Operators in the same band to operate on - Same UL/DL, Special sub-frame configurations and Cyclic Prefix; Same clock or Sync) |
| 2. Optical Specifications | |
| Optical Output Power | Min -6 dBm |
| Supported Fiber Type | Single Mode Fiber |
| UL Wavelength | 1550 nm (Typical) |
| DL Wavelength | 1310 nm (Typical) |
| Supported Distance | upto 10 Kms |
| Optical Interfaces | 4 – Port MOU: 4 X 2 8 – Port MOU: 8 X 2 |
| Optical Connector | SC/APC |
| 3. RF Specifications | |
| RF Input Power | <10dBm |
| RF Interfaces | 4 – Port MOU: 1 (x2) Tx; 1(x2) Rx 8 – Port MOU: 2 (x2) Tx; 2(x2) Rx |
| RF Port Connectors | SMA(F) |
| 4. EMS Specifications | |
| Remote Management | GPRS/LTE Modem/Ethernet |
| System Monitoring Port (Using GUI) | USB Port |
| 5. Power Specifications | |
| Power Supply | AC90-264V, 45-65Hz |
| Power Consumption, W | 4 – Port MOU: <40 |

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| | 8 – Port MOU: <40 |
| 6. Mechanical Specifications | |
| Mounting Type | Rack Mount |
| Heat Dissipation | Natural Convection |
| Type | Indoor (IP40) |
| Weight, Kg | 4 – Port MOU: <10 8 – Port MOU: <10 |
| Dimensions, mm (D x W x H) | 421 x 483 x 90 |
| 7. Environmental Specifications | |
| Operating Temperature | -10°C to + 55°C |
| Storage Temperature | -20°C to + 70°C |
| Relative Humidity | 95% |
| MTBF | ≥ 100,000 Hrs |

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