**■Revision History**

|  |  |  |
| --- | --- | --- |
| **Rev.** | **Change** | **Date** |
| 00 | Initial Version | 2007.06.13 |

**■ Optical Specification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NO** | **PARAMETER** | **SYMBOL** | **SPECIFICATION** | **UNIT** |
| 1 | Optic Fiber | - | Single Mode Fiber 9/125um | - |
| 2 | Optical Power Level | - | 2 ~ 6 | mW |
| 3 | Wavelength | 1310nm | Master | 1310±10nm | nm |
| 1550nm | Slave | 1550±10nm |
| 4 | Bandwidth | Modem(RS-232C) | Master: TX 29.9 / RX 26.9Slave: TX 26.9 / RX 29.9 | MHz |
| 5 | Optic connector | - | SC/APC | - |
| 6 | Modulation Gain | - | 0.1 ~ 0.15 | mW/mA |
| 7 | Optical Alarm | LD | Below -5 dBm | dBm |
| PD | Below -15 dBm |

**■ Electrical Specification**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NO** | **PARAMETER** | **SYMBOL** | **FREQUENCY** | **SPECIFICATION** | **UNIT** |
| 1 | RF Gain(RF Loss) | - | 950~2150 MHz | 0 ± 3 | dB |
| 2 | RF VSWR | S11,S22 | 1.5:1 | - |
| 3 | 0IP3( 0dBm / 2 tone) | - | 25 min. | dBm |
| 4 | Noise Floor | - | -133 | dBm/Hz |
| 5 | RF Isolation | - | -60 | dB |
| 6 | Flatness | - | ±2 | dB |
| 7 | Input Power | - | - | -10 Max. | dBm |
| 8 | Power | - | - | 110/220 VAC(+12V) | - |
| 9 | DC and Alarm | - | - | LED Display | - |
| 10 | RF Connector | - | - | SMA(F) – RF IN, OUT | - |
| 11 | Mechanical Size | - | - | See the Dimension | - |

**■ Dimension**

**<Master>**

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**<Slave>**

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