



20 dBm Dual Band RF Repeater (1800+2100 MHz)

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|---------------------------------------|---|--------|
| Model No. | FRD208 | |
| Electrical Specifications: | | |
| Frequency Range, MHz | 1800+2100 | |
| Output Power, dBm | Uplink | 10 ± 2 |
| | Downlink | 20 ± 2 |
| Gain, dB | Uplink | 70 ± 2 |
| | Downlink | 70 ± 2 |
| Gain Tuning Range (Manual), dB | 30 (1 dB step size) | |
| Pass Band Ripple, dB (p-p) | ≤ 3 | |
| VSWR | ≤ 2.0 | |
| Noise Figure @ Max Gain, dB | ≤ 8 | |
| Impedance, Ω | 50 | |
| Visual Alarm | LED: Power Supply and Synthesizer Lock / Unlock | |
| Power Specifications | | |
| Power Supply, VAC | 230V, 50Hz | |
| Power Consumption, Watt (Max) | <65 | |
| Mechanical Specifications | | |
| Connectors | N(F) | |
| Mounting Type | Wall | |
| Heat Dissipation | Natural Convection | |
| Environmental Specifications | | |
| Operating Temperature, °C | -25 to +55 | |
| Relative Humidity, % | 95 | |
| MTBF, hrs | ≥ 50,000 | |

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