

## 20 dBm Single Band RF Repeater (1800 MHz)

<b>Model No.</b>	FRD203	
<b>Electrical Specifications:</b>		
<b>Frequency Range, MHz</b>	1800	
<b>Output Power, dBm</b>	<b>Uplink</b>	10 ± 2
	<b>Downlink</b>	20 ± 2
<b>Gain, dB</b>	<b>Uplink</b>	70 ± 2
	<b>Downlink</b>	70 ± 2
<b>Gain Tuning Range (Manual), dB</b>	30 (1 dB step size)	
<b>Pass Band Ripple, dB (p-p)</b>	≤ 3	
<b>VSWR</b>	≤ 2.0	
<b>Noise Figure @ Max Gain, dB</b>	≤ 6	
<b>Impedance, Ω</b>	50	
<b>Visual Alarm</b>	LED: Power Supply and Synthesizer Lock / Unlock	
<b>Power Specifications</b>		
<b>Power Supply, VAC</b>	230V, 50Hz	
<b>Power Consumption, Watt (Max)</b>	35	
<b>Mechanical Specifications</b>		
<b>Connectors</b>	N(F)	
<b>Mounting Type</b>	Wall	
<b>Heat Dissipation</b>	Natural Convection	
<b>Environmental Specifications</b>		
<b>Operating Temperature, °C</b>	-25 to +55	
<b>Relative Humidity, %</b>	95	
<b>MTBF, hrs</b>	≥ 50,000	

### INDIA HEADQUARTERS

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### MANUFACTURING UNIT

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