

20 dBm Single Band RF Repeater (900 MHz)

Model No.	FRD202	
Electrical Specifications:		
Frequency Range, MHz	900	
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	≤ 6	
Impedance, Ω	50	
Visual Alarm	LED: Power Supply and Synthesizer Lock / Unlock	
Power Specifications		
Power Supply, VAC	230V, 50Hz	
Power Consumption, Watt (Max)	35	
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	

INDIA HEADQUARTERS

MANUFACTURING UNIT