



FM *eXtra*™

ARUBA MODEL



RECEIVER CHARACTERISTICS AND SPECIFICATIONS

Inputs:	DC Power Jack (2.1mm).....	12 volt supply input/ 300mA typical
	Antenna Input Jack	F connector
	Smart Card (SC)	Reads Cards of ISO Std 7816
	Full Size Smart Card	
	USB Connector	Standard Series B USB connector
	(Updates Only Use at Present)
Aux Input		
Outputs:	Head Phone Jack	
	Line Output	
	Speaker Output.....	Additional Speaker Option Available
	Fiber Optic Transmit Module.....	Conforms to JEITA Std CP-1201
Operating Temperature Range	-20° C to +50° C	
Antenna Input FM Mode (50 ohm system)	3 VSWR max	
Receiver Frequency Range		
U.S.A. (MHz).....	87.7 to 107.9	
Europe (MHz)	87.5 to 108.0	
Eastern Europe (MHz).....	64.0 to 74.0	
Japan(MHz).....	76.0 to 90.0	

FM Specifications @ 25° C

Parameter	Test Condition	Typical
Sensitivity	RF Input Level for 30dB SINAD Delta f = 75kHz	5 dBuV
S+N/ N	RF Input Level =30dBuV	60dB
Selectivity	Desired Frequency=26dBuV, delta f =75kHz Audio = 1kHz, delta carrier = ±200kHz	30dBuV
THD + N	RF Input = 60dBuV Delta f = 75kHz Audio = 1kHz	- 55dB

