



FM*eXtra*TM

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)
Outputs:	Aux Input	
	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



Authorized Dealer



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