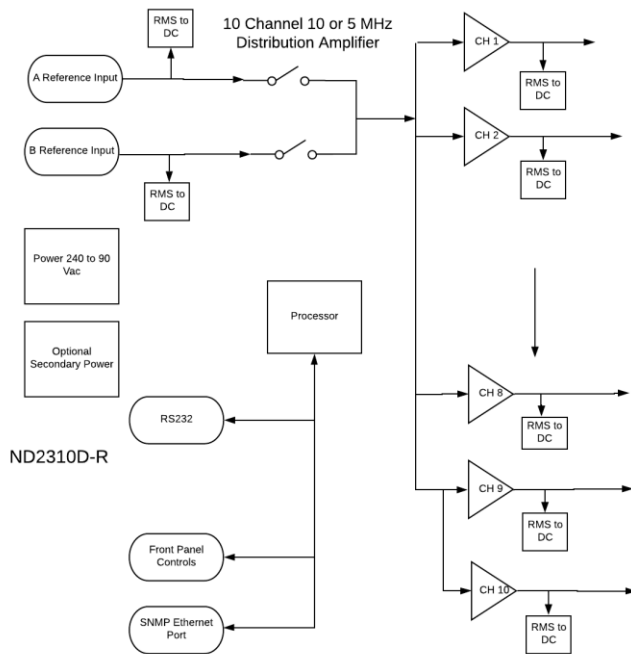


Company Datasheet #	ND2310D-R
Revision #:	A
Date:	07212020

ND2310D-R

10 Channel 10 /5 MHz Distribution Amplifier Networking Capability



All channels are monitored for a fault condition and built in test monitors critical circuits which drives panel indicators as well as alarm relay that can be wired into an alarm panel. Dual source inputs, unit measures input amplitude .

Networking

SNMP option

Low Channel Skewing

Channel skewing below 5 ns

Low Phase Noise

ND2320D-R	
Typical Phase Noise	
Offset	Phase Noise
1 Hz	-120
10 Hz	-140
100 Hz	-145
1kHz	-150

Dual Source

Dual sources inputs and unit selects valid input

Company Datasheet #	ND2310D-R
Revision #:	A
Date:	07212020

Technical Specifications

Output	200mv to 1.1 Vrms 5 MHz or 10 MHz
Connectors	Available BNC or SMA
Remote interface & control	
Protocol	RS232 NMEA-0183
Connector	DB-9
Location	Rear panel
Protocol	Bit plus stop
Standard Baud Rates	Selectable 4800, 9600, 19200, 38400, 57600 or 115200 bps
SNMP (option)	
Remote monitoring & control	Internet
Parameters monitored Locally – present on remote interface for monitoring	Output amplitude, all power supplies, Built-In test status,
Transaction/decodable commands	English format
Single monitoring command	Updated every second
Connector	RJ-45
Front Panel Display	Four line display, output status, input pulse amplitude and pulse width
Phase Noise	
	-120dBc @ 1 Hz
	-140dBc @ 10 Hz
	-145dBc @ 100 Hz
	-150dBc @ 1000 Hz
Input	
	10 or 5 MHz factory configurable 50 Ohms
	0.200 to 1.1 Vrms
	SMA or BNC



Company Datasheet #	ND2310D-R
Revision #:	A
Date:	07212020

Remote interface & control		
Protocol	RS232 NMEA-0183	
Connector	DB-9	
Location	Rear panel	
Protocol	Bit plus stop	
Standard Baud Rates	Selectable 4800, 9600, 19200, 38400, 57600 or 115200 bps	
Power		
AC	Global AC power 90 to 250 VAC, 50/60hz, less than 10 watts	
DC	Optional DC power – primary or back-up	

Environmental and Mechanical

Operating temperature	0 to 50C non-condensing	
Storage temperature	-40 to 70C	
Height	1RU (~1.73)	
Width	19 inch	
Depth	12 inch	
AC input	90 to 250 VAC, 50/60hz, less than 10 watts (DC power options available)	
Weight	≈5.5lbs	

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