



RNA 209

RNA 209 Main Reported as unknown

Rugged integrated services switches that offer a highly secure, reliable, and scalable industrial ethernet platform

Robust & Rugged Architecture

The RNA 209 is designed and built to be extremely rugged. It is a utility grade, fully managed 1 RU rack mount ethernet access switch with PoE (Power-over-Ethernet) capabilities. It is hardened for vibration, shock, surge, and electrical noise immunity. It has extended operational temperature ranging from -20°C to 75°C.

Network Protection Solutions

In today's rapidly changing world of cloud-based products and services, it can be difficult for the military to decide how to best handle increased data and demands of applications. ACME Portable have built the RNA 209 Integrated Services Switch (ISS) to revolutionize LAN communications in the enterprise branch.

Technical Specifications

PRODUCT	RNA 209
INCREASED RESILIENCY	SUPPORT FOR GIGABIT ETHERNET
LAN 10/100/1000 BASE-T	5 PORTS (RJF21G)
PRP PORTS	4 PORTS (RJF21G)
CONSOLE PORT	1 PORT (RJ-45)
FLASH MEMORY	64MB (UP TO 128MB)
DRAM	256MB (UP TO 1000MB)
UNICAST MAC ADDRESSES	16,000 (DEFAULT)
FORWARDING BANDWIDTH	28G BPS (LINE RATE / NON-BLOCKING)
SWITCHING BANDWIDTH	56G BPS (SWITCHING BANDWIDTH IS FULL-DUPLEX CAPACITY)
IGMP MULTICAST GROUPS	1000
NUMBER OF VLANS	1000 IEEE 802. 1Q VLAN
POWER SUPPLY	100 ~ 240 VAC 50/60HZ
DIMENSIONS	19" STANDARD RACK, DEPTH HEIGHT:
MTBF / MTTR	10,000 HRS
REDUNDANCY	REDUNDANCY ETHERNET PROTOCOL RING (REP), PARALLEL REDUNDANCY PROTOCOL (PRP) LINK UP TO 10 RNA-209 SWITCH, HIGH AVAILABILITY SEAMLESS REDUNDANCY (HSR), MEDIA REDUNDANCY PROTOCOL (MRP) RING
LAYER 2/3 MULTICAST	IGMPV1, V2, V3 SNOOPING, IGMP FILTERING, IGMP QUERIER, IPV6 HOST SUPPORT, HTTP, OVER IPV6, SNMP OVER IPV6, IPV4 STATIC ROUTING, IEEE 802. 1S MULTIPLE SPANNING-TREES, IEEE 802. 1W RAPID SPANNING-TREE, IEEE 802. 1D MAC BRIDGES, STP SPANNING-TREES
ALTITUDE	MIL-STD-810G, METHOD 500.5 PROCEDURE II, 4572M, FUNCTIONAL
TEMPERATURE	OPERATING TEMPERATURE: MIL-STD-810G, METHOD 501.5, PROCEDURE II (-20°C TO 75°C) FOR AC INPUT, STORAGE TEMPERATURE: MIL-STD-810G, METHOD 501.5, PROCEDURE I (-40°C TO 75°C)
HUMIDITY	MIL-STD-810G METHOD 507.5, 73 +/- 4 F AND 50 +/- 4 PERCENT RELATIVE HUMIDITY RH
VIBRATION	MIL-STD-810G, METHOD 514.6, PROCEDURE I, RANDOM GENERAL VIBRATION, FUNCTIONAL
SHOCK	MIL-STD-810G, METHOD 516.6, PROCEDURE I, SAW TOOTH WAVE, 20G/11MS, FUNCTIONAL

* The technical specifications are an example of the system's capabilities. They can be customized specifically for your needs. If you have any questions, feel free to contact one of our sales representatives.



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