

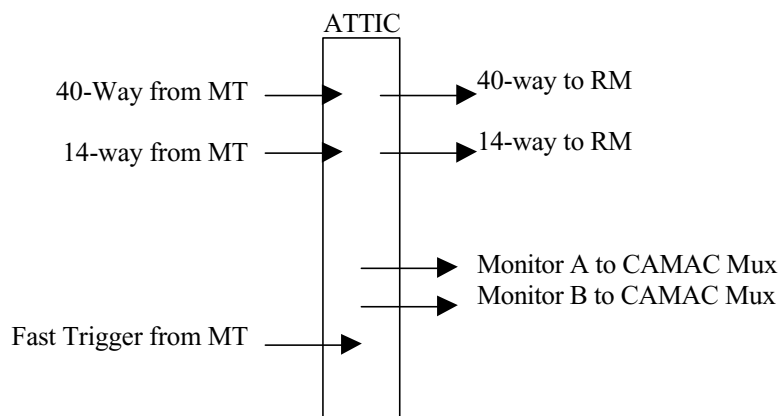
Neutron Wall Data Acquisition Wiring diagram.

The Neutron Wall Data Acquisition system wiring concerns the connections made to the Euroball experiment. These are the Master Trigger interface, the DT32 bus, and the Logic Inspection multiplexor.

The following sections describe the connections for each module of the Data Acquisition system.

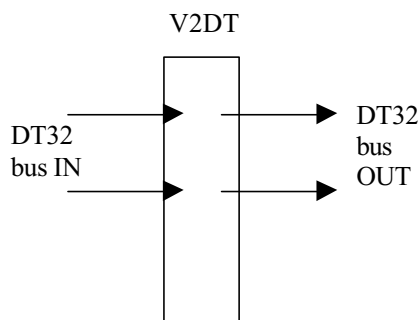
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Connection Name	Connected to	Connector	Cable type
40-way Input	Master Trigger	40 pin IDC	Twist and flat ribbon
40-way Output	Resource Manager	40 pin IDC	Twist and flat ribbon
14-way Input	Resource Manager	14 pin IDC	Twist and flat ribbon
14-way Output	Master Trigger	14 pin IDC	Twist and flat ribbon
Fast Trigger	Master Trigger	LEMO00 (fast NIM)	COAX
Monitor A	Logic Inspection Multiplexor	LEMO00 (fast NIM)	COAX
Monitor B	Logic Inspection Multiplexor	LEMO00 (fast NIM)	COAX



V2DT (VME to DT32 bus data transfer)

Connection Name	Connected to	Connector	Cable type
DT32 bus in A	Event Collector	40 pin IDC	Twist and flat ribbon
DT32 bus in B	Event Collector	34 pin IDC	Twist and flat ribbon
DT32 bus out A	Histogrammer	40 pin IDC	Twist and flat ribbon
DT32 bus out B	Histogrammer	34 pin IDC	Twist and flat ribbon



MVME2431 PowerPC module.

Connection Name	Connected to	Connector	Cable type
Ether Net	Euroball Control Network	RJ-45	10BaseT
Console	Euroball terminal system ????	RJ-45	????

MVME2431

