

dap TECHNOLOGY •



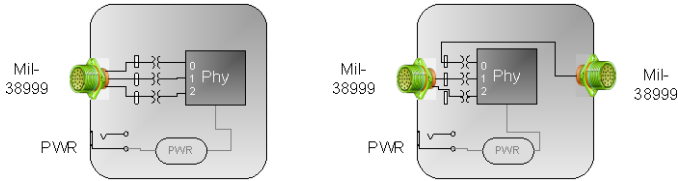
REPEATERS

1394 INTERFACE SOLUTIONS



Single Channel Repeater

DapTechnology offers single channel 1394b line repeaters. The primary focus of this COTS product is to recondition and retransmit the 1394b signal. These line repeaters can be used to replace individual nodes on a military & aerospace type data bus or to simply extend the cable length. All ports connected to Mil-qualified connectors (e.g. 38999) are transformer coupled.



D38999/20FB35SN

Pin Assignment

Pin	Signal
1	NC
2	Port2 RX+
3	Port2 RX-
4	Port2 TX+
5	Port2 TX-
6	Port1 RX+
7	Port1 RX-
8	Port1 TX+
9	Port1 TX-
10	Port0 RX+
11	Port0 RX-
12	Port0 TX+
13	Port0 TX-

All pin assignment can be modified upon request.



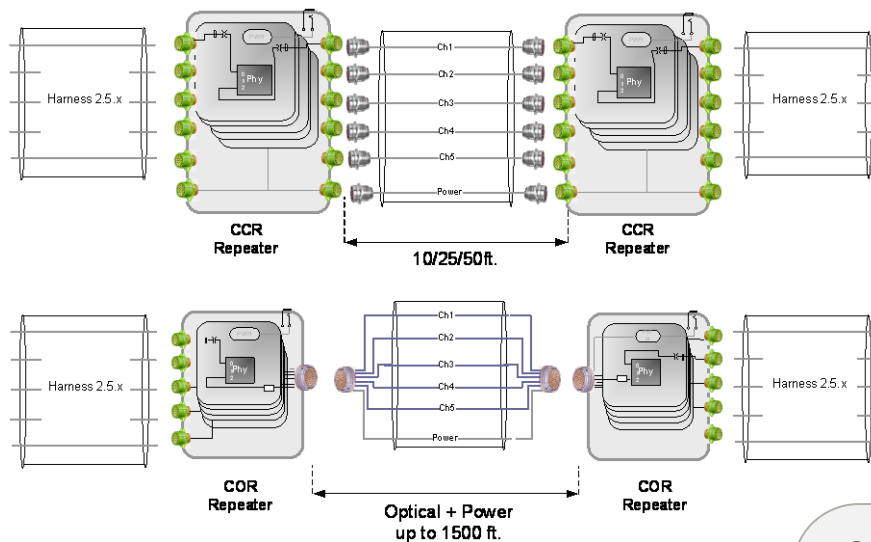
Multichannel Repeater

In order to bridge the distance between different 1394 test stations, DapTechnology offers a scalable multi-channel repeater box concept. Together with special cable harnesses, two test stations on either side can be connected via either copper based 1394b connections (CCR Repeater) or fiber-optic cabling (COR Repeater).

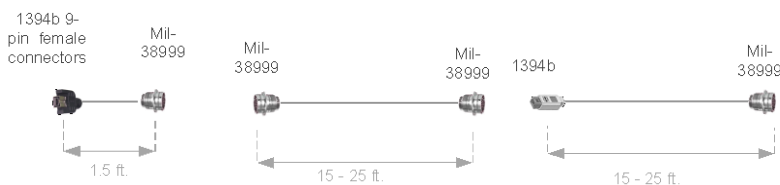
Electronics in all repeaters run on local power (via external DC plug) or on remote power provided via an additional power cable between the individual repeaters. One external AC/DC power adapter (~30W) powers multiple CCRs / CORs.

The housing is NEMA4X certified and allows for outdoor installations. Bolt down capabilities are provided.

Please contact DapTechnology's webpage for customization options as well as the [Mil1394 Repeater Configurator](#).



Please contact DapTechnology for alternative connectivity options or any other customization requirements like special adapter cables or harnesses. Below are just a few examples that can be assembled in multichannel harnesses:



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