DYNETCOM

Mark II Analogue (VF) Patch & A/B Switch

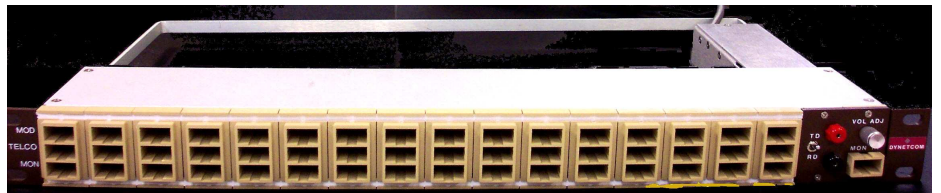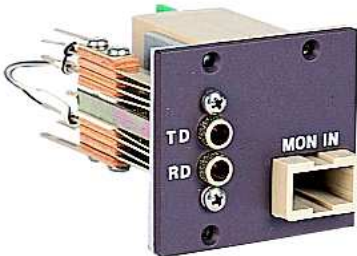# Mark II Analogue (VF) Patch and A/B Switch

NSGDatacom offers the complete range of the Dynetcom's Mark II Analogue (VF) equipment which can be used in both VF and current loop 4 wire applications. Each patch jack works on the normal-through path concept. The equipment is normally installed between the modem and the telephone line to facilitate redundant equipment substitution or circuit re-configuration in the event of a failure to either the modem or the telephone line. The equipment can also be used for changing configuration when a regular change is required, i.e. When equipment is not dedicated to a sole user, but may be shared between two or more.

- *Very highest standards of durability and longevity*

- *Rack Mount Modular Design*

- *Up to 18 channels*

- *Pre-configured Paks available*

- *Lifetime Warranty on Patch*

Patching Modules

- **VFP-1**   Three hole patch module that fits into the RA-20 rack adapter (fits up to 18 modules per rack adapter) and comes with the 2MC mating kit (8 position mating plug, contacts, and plug locks).

- **VFP-2**   Same as the VFP-1, but does not include the 2MC mating kit. This module fits into the RA-21-16 rack adapter (fits up to 16 modules per rack adapter).

- **VFP-2TJ** Same as the VFP-2, but has 2 RJ45 connectors mounted on the PCB. This module fits into the RA-20 rack adapter (fits up to 18 modules per rack adapter).

Switching Module

- **VFS-1**   Manually operated mechanical A/B Fallback Switch module for standby VF switching. An integral green/red indicator shows output line status. A 3MC mating kit (12 position mating plug, contacts, and plug locks) supplied with each module. This module fits into the RA-20 rack adapter (fits up to 18 modules)
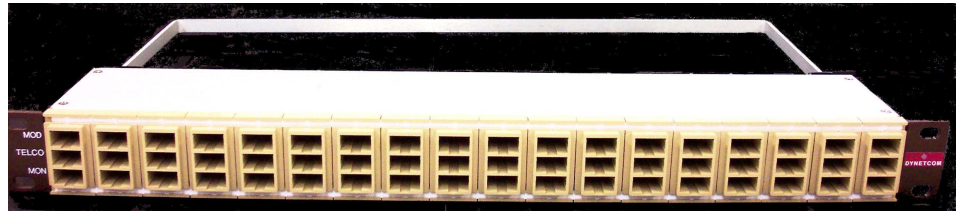
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Test and Conversion Modules

- **STM-20**   Speaker Test Module complete with an integral power supply and audio amplifier. The module has a single Mark II VF jack to enable the transmit and receive signals of a 4 wire, VF line to be monitored by cross patching, using a Mark II VF patch cord, from the monitor position of a VFP-1, VFP-2, or VFP-2TJ module. A toggle switch is used to select either transmit or receive signal in conjunction with an integral amplifier, with speaker, which can be used to audibly monitor the signal. Two test points provide convenient access for VF test equipment. The module occupies slots 17 and 18 of the RA-20 or RA-21-16 Rack adapters. The Speaker Test Module is available in either 90-120VAC version or a 220-240VAC version.

- **BCM-1**   Bantam Conversion Module allowing conversion from Mark 2 VF connection to traditional TRS (tip-ring-sleeve) style connector. Both TX and RX may be monitored on bantam compatible test equipment by simple cross patching from required channel monitor position to the conversion module. The module occupies slots 17 and 18 of the RA-20 or RA-21-16 rack adapters.

Rack Adapters

- **RA-20**   This is a 1U (1¾") high, 19" rack adapter for VF patch and switch modules. The rack adapter is designed to hold any mixture of; VFP-1, VFP-2TJ, or VFS-1, up to 18 modules. A STM-20 or BCM-1 module can be installed in the 17 and 18 position, if desired. An integral bar to support the cables attached to the modules mounted in the rack is included.

- **RA-21-16**   This is a 1U (1¾") high, 19" rack adapter for VFP-2 patch modules. The rack adapter is designed to up to 16 VFP-2 modules in slots 1 through 16 with a integral back plane with four 50 way Centronics type connectors installed on rear for easy connection to PTT systems. A STM-20 or BCM-1 module can be installed in the 17 and 18 position, if desired.

Patch Cord

- **VFC-1-Y**   This is a four lead Dynetcom Mark II VFC patch cord which is used for cross patching the Mark II Analogue (VF) patch modules , VFP-1, VFP-2, or VFP-2TJ. The patch cord is available in foot or half meter increments. (Y equals the length of the patch cord.)

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Specifications subject to change without notice