



COLOR CODED BACKBOARDS

GB180 SERIES COLOR CODED BACKBOARDS

The CCB system provides a pre-planned and standardized system of connecting customer's telephone facilities to central office cables. Color coding provides a visual identification of telephone circuit classifications. Building block units of modular dimensions allow for pre-planning or future expansion of the system. System utilizes new

GB20 distributing rings as well as the snap-on and off high density connecting blocks. System Backboards are coated with fire-retardant NCFR-102 latex protective coating. This coating meets all ASTM E84-91 standards and NFRA Class A & UBC Class I Flame Spread standards verified by United States Testing Lab, Inc.

COLOR CODE IDENTIFICATION

Backboard Used to Terminate	
Backboard Color	BLUE Connector cables toward customer's Key Telephone Sets
	GREEN Cables toward the Central Office
	RED Cables or lines to and from Key Telephone Equipment
	PURPLE Cables or lines to and from PBX Equipment
	YELLOW Cables or lines to and from Special Services Equipment
	WHITE Special Backboard for routing cross connecting runs between GB183 Type Backboards

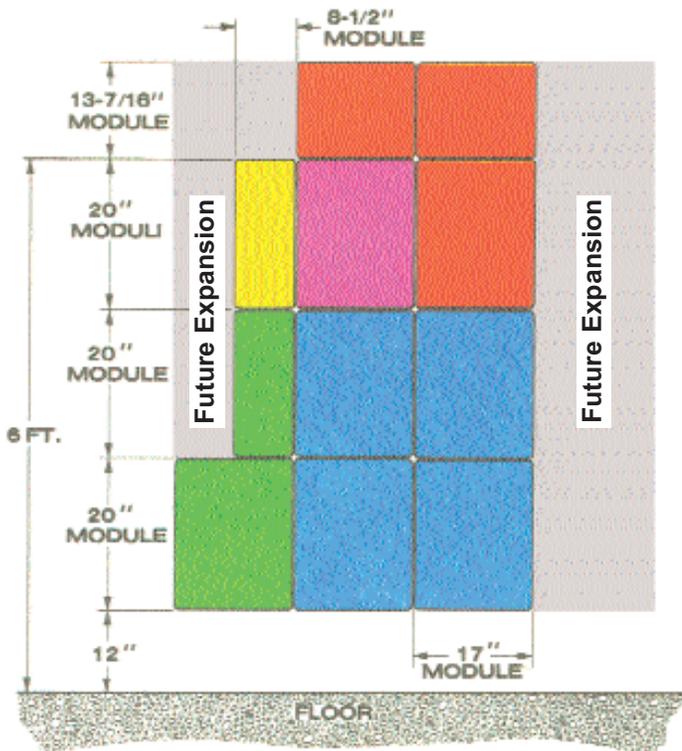


Figure 1

GB183-GB184-GB185 Backboard Combination

SYSTEM LAYOUT

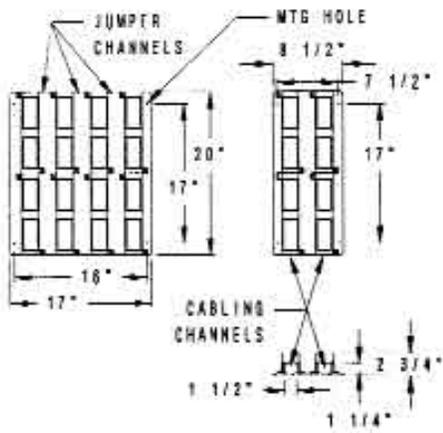
Since each telephone system requires individually engineered termination facilities, the CCB System offers the telephone engineer a wide variety of pre-engineered building block backboard units, which can fill practically any customer requirement in a STANDARD and EFFICIENT manner.

Figure 1 illustrates a typical installation using color coded backboards in a modular grouping, arranged in an efficient building telephone system termination facility for terminating key telephone systems, PBX, special service and central office cables.

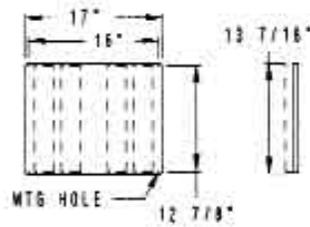
The various COLOR FIELDS allow instant VISUAL IDENTIFICATION of each cable or line facility and permit a QUICK and NEAT APPEARING method of cross-connecting.

In a pre-planned color coded backboard system, installation of the GB180 CCB modular grouping usually starts by mounting the first backboard in the lower left corner position and progressively mounting additional required modular units in both a vertical and horizontal pattern. Ample space is reserved to the right and top of the installation for future system expansion.

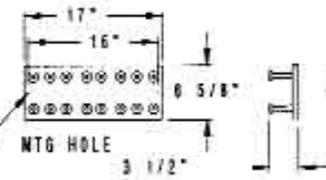
COLOR CODED BACKBOARDS



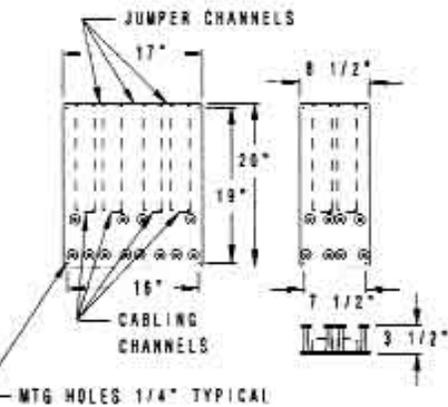
GB 183 Series Backboards



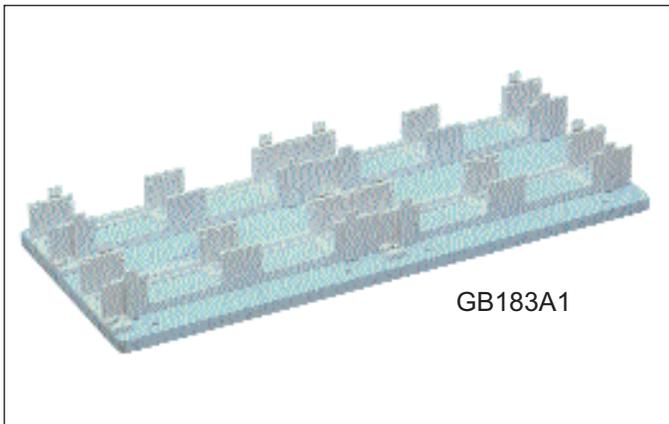
GB 184B2 Backboard



GB 187B1 Backboard



GB 184 and GB185 Series Backboards



GB183A1

GB183A1 (Half Module) BLUE BACKBOARD 8 1/2 X 20"

E/w 4 GB89D Brackets for mounting 4 S66MI-25 (100 pair capacity) or 4 S66MI-50 (200 pair capacity) connecting blocks. The GB89D Brackets are mounted on the backboard in such a manner as to provide vertical Jumper Channels which coincide with the GB20 Distributing Ring positions on the GB184 or GB187B1 type backboards. Terminations of up to 8 25-pair cables can be connected to **Key Telephone Sets**.

GB183A2 (Half Module) GREEN BACKBOARD 8-1/2 X 20"

Similar to the GB183A1 blue backboard except for its green color. It is used to terminate up to 200 pairs of **Central Office Cabling**.

GB183A4 (Half Module) PURPLE BACKBOARD 8-1/2 x 20"

Similar to the GB183A1 blue backboard except for its purple color. It is used to terminate cables running to and from **PBX equipment**.

GB183A5 (Half Module) YELLOW BACKBOARD 8-1/2 x 20"

Similar to the GB183A1 blue backboard except for its yellow color. It is used to terminate cables running to and from **Special Services Equipment**.





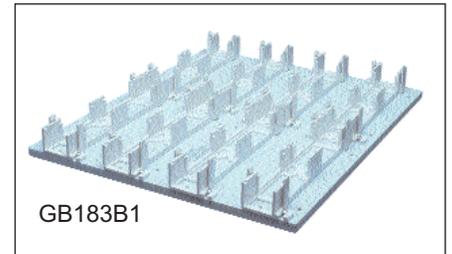
Sold by:



COLOR CODED BACKBOARDS

GB183B1 (Full Module) BLUE BACKBOARD 17 X 20"

E/w 8 GB89D Brackets for mounting 8 S66M1-25 (200 pair capacity) or 8 S66M1-50 (400 pair capacity) connecting blocks. The GB89D Brackets are mounted on the backboard in such a manner as to provide vertical Jumper Channels which coincide with the GB184 or GB187B1 type backboards. Termination of up to 16 25-pair cables can be connected to **Key Telephone Sets**.



GB183B1

GB183B2 (Full Module) GREEN BACKBOARD 17 X 20"

Similar to the GB183B1 blue backboard except for its green color. It is used to terminate up to 400 pairs of **Central Office Cables**.

GB183B3 (Full Module) RED BACKBOARD 17 X 20"

Similar to the GB183B1 blue backboard except for its red color. It is used to terminate up to 400 pairs of cable running to and from **Key Telephone Equipment**.

NOTE: If more than 3 multiples are required for telephone circuits, the GB184B1 red backboard should be used.

GB183B4 (Full Module) PURPLE BACKBOARD 17 X 20"

Similar to the GB183B1 blue backboard except for its purple color. It is used to terminate cables running to and from **PBX Equipment**.

GB183B5 (Full Module) YELLOW BACKBOARD 17 X 20"

Similar to the GB183B1 blue backboard except for its yellow color. It is used to terminate up to 400 cable pairs running to and from **Special Services Equipment**.



GB184A1/GB185A1

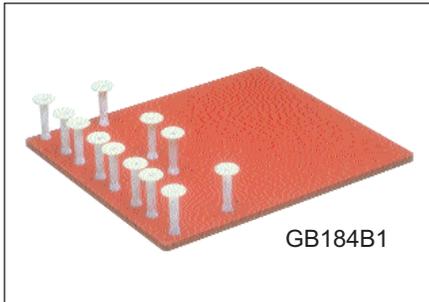
GB184A1 (Half Module) RED BACKBOARD 8 1/2 x 20"

E/w six GB20 Distributing Posts and pre-installed threaded metal Tee Nuts arranged to mount two S66B4-25 connecting blocks. Distributing Rings are positioned to coincide with the Jumper Channels" on the GB183 type backboards. Provides a neat and efficient method of cross-connecting between backboard modules. The S66B4-25 connecting blocks allow a 25-pair incoming cable to be multiplied to FIVE other points. The RED backboard is used for termination of up to 50 pairs running to and from **Key Telephone Equipment**. (Connecting block screws are included.)

GB185A1 (Half Module) YELLOW BACKBOARD 8 1/2 X 20"

The GB185A1 is the same as the GB184A1 except for color and usage. E/w six GB20 Distributing Posts positioned to coincide with the Jumper Channels on the GB183 type backboards. Used to mount connecting blocks, as required for terminating **Special Services Equipment** such as autodialers, busy lamp displays, dial intercoms, speakerphones, etc. Can also be used to mount **Special Telephone Equipment**.

COLOR CODED BACKBOARDS



GB184B1

GB184B1 (Full Module) RED BACKBOARD 17 X 20"

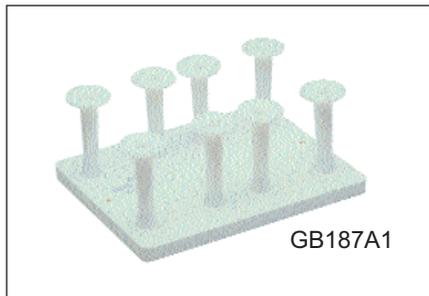
E/w twelve GB20 Distributing Posts and pre-installed threaded metal Tee Nuts" arranged to mount four S66B4-25 connecting blocks. Distributing Posts are positioned in the same manner as those on the GB184A1 (Half Module) Red Backboard. The four S66B4-25 connecting blocks will terminate up to 100 **Key Telephone Equipment** pairs. (Connecting block mounting screws are included.)



GB184B2

GB184B2 SPECIAL RED BACKBOARD 13 7/16 x 17"

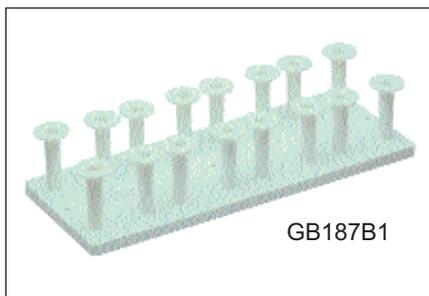
Similar to the GB184B1 RED backboard, but measures 13 7/16 x 17 and is not equipped with distributing posts. Normally mounted above the GB184B1 RED backboards when additional terminating facilities are required for **Key Telephone Equipment**.



GB187A1

GB187A1 WHITE BACKBOARD 6 5/8 x 8 1/2"

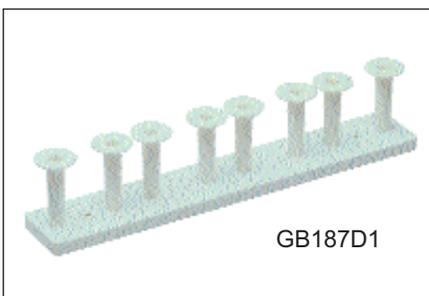
E/w eight GB20 Distributing Posts. Used to retain the cross connect wires and provide guides for directional changes in the flow of these wires. Designed to reserve space for cross connect wires in termination fields using the 66 type connective system hardware. This unit is one half of the GB187B1 shown below.



GB187B1

GB187B1 WHITE BACKBOARD 6 5/8 x 17"

Measures 6 5/8 high x 17 wide. Normally mounted in horizontal rows between lower and upper modular groupings of GB183 type backboards. Used only for routing cross-connect wires. The WHITE color assists in quick visual identification of the various jumpers when tracing circuits. E/w sixteen GB20 Distributing Posts positioned to coincide with the Jumper Channels on the GB183 type backboards.



GB187D1

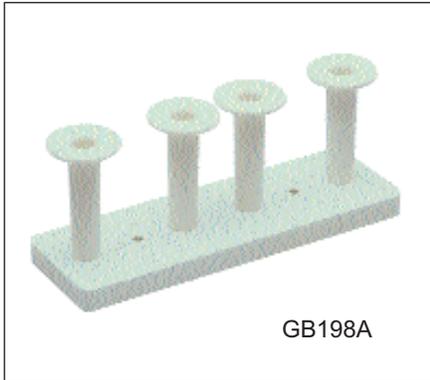
GB187D1 WHITE BACKBOARD 3 5/16 X 17

E/w eight GB20 Distribution Posts. Used to retain and distribute cross connect wiring.





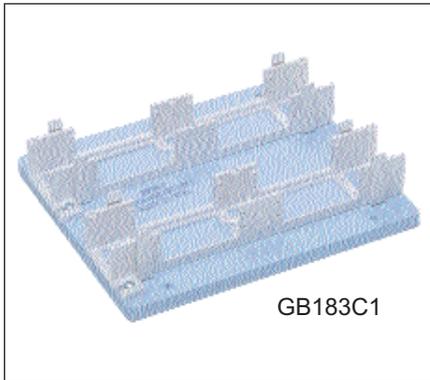
COLOR CODED BACKBOARDS



GB198A

GB198A WHITE BACKBOARD 2 13/32 x 8 1/2"

E/w four GB20 Distributing Posts.



GB183C1

GB183C1 BLUE BACKBOARD 8 1/2 X 10"

E/w two GB89D Brackets for mounting two 66M1-50 connecting blocks. Cables may be placed in tunnels formed by the GB89D Brackets. The space between rows is left exclusively for cross-connect wires.



GB183C6

GB183C6 ORANGE BACKBOARD 8 1/2 X 10"

Used for mounting network interface jacks; typically the 700A-66-B1-25, 700B-66-B1-12 or S66M1-50R.



GB20

GB20 DISTRIBUTING POSTS

Provide a trim and expedient means of threading jumper wires or cable on a backboard or MDF. Wiring is held neatly in place by the top rim of the post and allows rapid and easy access in the event of changes or modifications to the wiring. The GB20 is 3" high and comes e/w a #8 round-head wood screw. Constructed of flame retardant ABS plastic meeting U.L. 94-V.O. requirements.

