**VECTOR**
ELECTRONICS & TECHNOLOGY, INC.
A Fine Technology Group

VME
VME64X
CompactPCI®

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## Subracks / Card Cages : CCK14, CCA14, CCM14 & CMA14 Series

Designed in accordance with EIA standard RS-310, Vector subracks and modules offer versatility within a 19" rackmount format. All racks are adjustable in both height and depth. Metal, Plastic, Snap-in, Rivet, or Screw-down card guides are available. All Subrack sizes are compatible with Vector prototyping boards ( see Prototype Products Section ).

**Subrack Kits, { CCK } Series**

| Part No. | Width | Height | Depth | Max. Card Size | "Card Cage Kit" Description |
|---|---|---|---|---|---|
| CCK14F | 19" | 3U | 12" | 4.5" X 9.6" | Frame Only for Metal or Plastic Screw-in Card Guide |
| CCK14F/90 | 19" | 3U | 12" | 4.5" X 9.6" | Frame Only for Plastic Snap-in Card Guides |
| CCK14S/90 | 19" | 3U | 12" | 4.5" X 9.6" | Frame with 21 Pair Plastic Snap-in Card Guides |
| CCK14M/90 | 19" | 3U | 12" | 4.5" X 9.6" | Frame with 21 Pair Metal Screw-in Card Guides |
| CCK14P/90 | 19" | 3U | 12" | 4.5" X 9.6" | Frame with 21 Pair Plastic Screw-in Card Guides |

**Assembled Subracks, { CCA } Series with Card Guides**

| Part No. | Width | Height | Depth | Max. Card Size | "Assembled Card Cage" Description |
|---|---|---|---|---|---|
| CCA14F | 19" | 3U | 12" | 4.5" X 9.6" | Frame Only for Metal or Plastic Screw-in Card Guides |
| CCA14C/90 | 19" | 3U | 12" | 4.5" X 9.6" | Assembled with Continuous Card Guide Plate |
| CCA14S/90 | 19" | 3U | 12" | 4.5" X 9.6" | Assembled with 21 Pair Plastic Snap-in Card Guides |
| CCA14M/90 | 19" | 3U | 12" | 4.5" X 9.6" | Assembled with 21 Pair Metal Screw-in Card Guides |
| CCA14P/90 | 19" | 3U | 12" | 4.5" X 9.6" | Assembled with 21 Pair Plastic Screw-in Card Guides |

Snap-in,
Plastic or Metal Card Guides
Fastened with Hardware

Continuous
Guide Plate System

- Models available with Snap-in, Continuous, Metal or Plastic fastened with hardware.
- Guide positions at 0.25" increments
- Adjustable slots, horizontal or vertical
- Construction: 0.080" thick aluminum
- Sidewall slots provide adjustability to 1"
- For 4.5" x 6.5" cards; or 4.5" x 9.6" cards
- Adjustable rear struts for mounting connectors
- Continuous grove card guide plate allows maximum flexibility in card placement { CCK13C/90 Only }
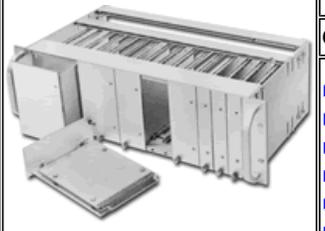
**Assembled Card Mount Module Subrack, { CCM SERIES }. CM Modules Sold Separately**

| Part No. | Width | Height | Depth | Max. Card Size | No. of Modules |
|---|---|---|---|---|---|
| CCM14S/90 | 19" | 3U | 12" | 4.5" X 9.6" | No. varies with the width of the Modules. |

- Accepts CM45A65 Card Mount Modules { Modules Available separately }
- Assembled module rack, Plastic Snap-in Guides installed on 1" ctrs., adjustable in 0.025" increments.
- Different width modules may be inserted interchangeably without guide changes
- Card mount modules (CM Series) with 1" to 4" widths ...........{ CM Series Modules Data Sheets }
- For 3U and 4U applications
- Adjustable rear struts for connection of backplanes ( struts available separately )
- For Desktop outer enclosure check our chassis / enclosures section.

**Assembled EFP Module Subrack, { CMA SERIES }. EFP Modules Sold Separately**

| Part No. | Width | Height | Depth | No. of Modules | Max. Card Size | Description |
|---|---|---|---|---|---|---|
| CMA14-16/90 | 19" | 3U | 12" | 10 | 4.5" X 9.6" | 1.6" Wide Module |
| CMA14-20/90 | 19" | 3U | 12" | 8 | 4.5" X 9.6" | 2.0" Wide Module |
| CMA14-30/90 | 19" | 3U | 12" | 5 | 4.5" X 9.6" | 3.0" Wide Module |

- 1.6", 2.0" and 3.0" evenly spaced modules are accepted
- Side Panels -double screw attachment to wide TSW \ (1.75") metal strut
- Rear Struts-adjustable in width and height BR16-1 bracket
- Special aluminum extruded case guides and spacers provide secure mounting for modules
- Standard 19" width {...... Other widths available by special order......}.
- Filler panels available where mixing widths creates gaps
- Aluminum construction
- Paint or color anodize options available, CMA13-20/90 Module Subrack shown with eight 2" wide EFP Modules.
- CMA Module Racks/Cages provide attractive, sturdy and mechanically excellent housing to enclose electronic assemblies
- EFP modules feature aluminum extruded sides to accept PC cards.....................{ EFP Series Modules Data Sheets }
- Extended front panels on modules allow thumb screw locking of module to subrack for easy insertion and extraction
- The extended front panel also provides an attractive appearance
- Side panels fasten to sturdy Vector TSW model (1.75" wide) Struts with two screws
- Subrack models accept widths of 1.6", 2.0", and 3.0" EFP modules; 4.5" module optional. Rear struts are adjustable in width and height