

# **Product Data Sheet**

One Source For VME / VME64X / CompactPCI & Prototypes

Chassis / System Enclosures, Backplanes, Subracks, Card Cages, Power Supplies
Prototype Circuit boards, Circbord®, Vectorbord®, Plugbord™, VectorPak®, Proto Tools & Accessories

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## Subracks / Card Cages : CCK13, CCA13, CCM13 & CMA13 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	Description			
CCK13F/90	19"	3U	9"	4.5" X 6.5"	Card Cage Kit, Frame Only { No Card Guides }			
CCK13S/90	19"	3U	9"	4.5" X 6.5"	Card Cage Kit With 21 Pair Plastic Snap-in Card Guides			
CCK13M/90	19"	3U	9"	4.5" X 6.5"	Card Cage Kit With 21 Pair Metal Card Guides			



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

Part No.	Width	Height	Depth	Max. Card Size	Description		
CCA13F	9"	3U	9"	4.5" X 6.5"	Card Cage Kit, Frame Only { for Screw-in Guides Only}		
CCA13C/90	9"	3U	9"	4.5" X 6.5"	Assembled with Continuous Card Guide Plate		
CCA13S/90	19"	3U	9"	4.5" X 6.5"	Assembled with 21 Pair Plastic Snap-in Card Guides		
CCA13M/90	19"	3U	9"	4.5" X 6.5"	Assembled with 21 Pair Metal Card Guides		

- 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
CCM13S/90	19"	3U	9"	4.5" X 6.5"	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
- For 3U and 4U applications
- Adjustable rear struts for connection of backplanes (struts available separately)
- For Desktop outer enclosure check our chassis / enclosures section.



Part No.	Width	Height	Depth	No. of Modules	Max. Card Size	Description
CMA13-16/90	19"	3U	9"	10	4.5" X 6.5"	1.6" Wide Module
CMA13-20/90	19"	3U	9"	8	4.5" X 6.5"	2.0" Wide Module
CMA13-30/90	19"	3U	9"	5	4.5" X 6.5"	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
- 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

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