



### F-SHAPE PCB CABLE ANCHOR ASSEMBLY



**FCA03-04**

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## SPECIFICATIONS

Threads for the stud shall be manufactured according to ANSI B1.13M 8-1 [M24x3] Class 6g pitch threads. The cable shall be swaged into the fitting. The stud shall conform to ASTM F568 Class 8.8 material and shall be zinc-coated according to either ASTM A153 [AASHTO M232] for Class C or ASTM B695 [AASHTO M298] for Class 50.

The BCT Cable End Fitter shall be machined from hot-rolled carbon steel conforming to ASTM A576 Grade 1035 and zinc-coated according to ASTM A123 [AASHTO M111] before swaging. The material shall be annealed suitably for cold swaging.

The wire rope shall be 3/4" [19] diameter 6x19 wire strand core or independent wire rope core (IWRC), zinc-coated, right regular lay wire rope conforming to AASHTO M30. The wire rope steel shall be improved with a minimum breaking strength of 42.7 kip [190 kN]. The swaged fitting, stud, and nut shall develop the breaking strength of the wire rope.

The thimble is manufactured by Crosby and is a high tension, heavy duty 3/4" [19] diameter thimble and uses a 115 HT mechanical splice. For specific loading refer to the manufacturer's website.

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

## INTENDED USE

Anchor cable FCA03 is used in the offset anchorage assembly of the portable concrete barrier termination (SWC17). The cable is used with the anchoring bracket FPA03 and portable concrete barrier connector pin FMW03.

Anchor cable FCA04 is used in the inline anchorage assembly of the portable concrete barrier termination (SWC17). The cable is used with the anchoring bracket FPA03 and portable concrete barrier connector pin FMW03.

## CONTACT INFORMATION

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