

## AVP DIN 1.0/2.3 Connector Series

### Required:

Belden Cable 1855A, 1694A or 1505A

**AC-DN1855A** Belden 1855A Cable

**AC-DN1694A** Belden 1694A Cable

**AC-DN1505A** Belden 1505A Cable

**AT-DAFM8** Daniels Hand Crimp Tool AFM8, to crimp center pin, all models

**AT-DK1978** Daniels Positioner, to set depth and center pin for Daniels AFM8

**AT-DHX4** Daniels Hand Crimp Tool HX4, to crimp ferrules, die required

**AT-DY1855A** Die Set Y2000P for Daniels HX4/HX23, to crimp 1855A ferrule

**AT-DY1694A** Die Set Y2113 for Daniels HX4/HX23, to crimp 1694A ferrule

**AT-DY1505A** Die Set Y2070P for Daniels HX4/HX23, to crimp 1505A ferrule

**AT-CJ-DIN** AVP DIN1.0/2.3 Centering Jig, keeps center pin concentric while crimping

Stripping Tool

**1** Prepare cable to dimensions shown, being careful not to damage the braid, foil or inner conductor. Slide ferrule onto cable and flair braid to facilitate insertion of body.

**Important:** Do not nick braid or center conductor of cable.

**AC-DN1855A**

Ferrule Crimp Size **.178**

**AC-DN1694A**

Ferrule Crimp Size **.278**

**AC-DN1505A**

Ferrule Crimp Size **.255**

**2** Insert center conductor into Center Pin as shown. Make sure center conductor of cable is visible inside hole of Center Pin.

**4** Lock the connector body into the Centering Jig (**AT-CJ-DIN**) to assure perfect centering. Insert rear post of body between the cable foil and braid until the Center Pin is flush against the center cable dielectric.

Centering Jig (**AT-CJ-DIN**)

**3** Crimp Center Pin on to cable center conductor using Daniels AFMB Crimping Tool (**AT-DAFM8**) fitted with Daniels Positioner (**AT-DK1978**).

Important: Make sure the selector setting on the tool is set at the appropriate number; (**5** for **1855A** and **1505A**, **6** for **1694A**). Perform a light pull test to verify termination.

Daniels AFMB Crimping Tool (**AT-DAFM8**)

Daniels Positioner (**AT-DK1978**)

MODEL	CABLE	SEL
AC-DN1855A	1855A	5
AC-DN1505A	1505A	5
AC-DN1694A	1694A	6

USE WITH AFM8

**5** Dress braid evenly around rear post. Slide the ferrule over the braid until it rests flush against the connector body. Crimp the ferrule with the appropriate die set for the cable.

**AT-DY1855A** for **1855A** cable, **.178** ferrule crimp size;  
**AT-DY1694A** for **1694A** cable, **.278** ferrule crimp size;  
**AT-DY1505A** for **1505A** cable, **.255** ferrule crimp size;  
 using the Daniels Hand Crimp Tool HX4 (**AT-DHX4**). Perform light pull test and visually inspect finished assembly.

**6** Completed crimp