

# AVP DIN 1.0/2.3 Connector Series

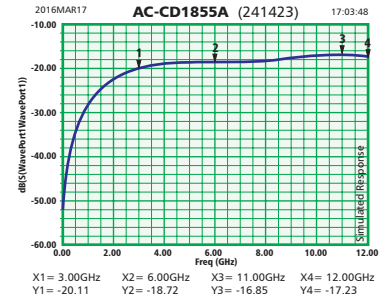
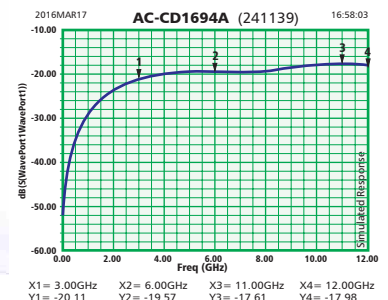
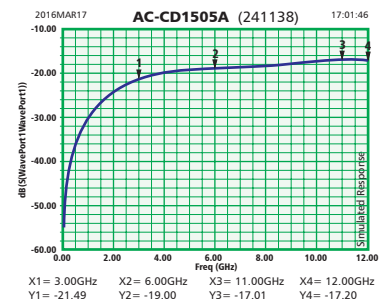
The DIN 1.0/2.3 75 ohm connector series compact design permits dense connector packing and makes them ideal solutions to applications where space limitation is a factor.

DIN 1.0/2.3 connector performance specifications support high data rates for AES Audio, SD video, HD video, 3Gb/s video, and other high density digital broadcast formats. The DIN 1.0/2.3 connector series complies with DIN 41626, DIN 47297, and NFC 93-571 international specifications.

AVP 1.0/2.3 connector series feature push-pull coupling allowing quick installation and ensures positive locking and high retention.

## Features & Benefits

- Push-pull coupling with locking mechanism allows quick installation, will not vibrate loose and will not disconnect during trouble shooting
- 1.0/2.3 connectors are able to be densely packed, saving panel space in components
- Operation up to 12 GHz
- Supports 3Gbps HD SDI SMPTE 424M applications
- Standard crimp tooling can be used
- Center Pin plating: gold 3 $\mu$ m minimum over 80 $\mu$ m minimum nickel plating


**AC-CD1855A**

**AC-CD1694A**

**AC-CD1505A**


## Models and Components

Model	Description	Model	Description
<b>Connectors</b>		<b>Tooling</b>	
<b>AC-CD1855A-001</b>	AVP DIN 1.0/2.3 Connector, terminate Belden 1855A or equivalent, includes center pin and ferrule	<b>AT-DAFM8</b>	Daniels Hand Crimp Tool AFM8, to crimp center pin, all models
<b>AC-CD1855A-100</b>	AVP DIN 1.0/2.3 Connector, 100 pieces, terminate Belden 1855A or equivalent, includes center pins & ferrules	<b>AT-DPAFM8</b>	Daniels Positioner, to set depth and center pin for Daniels AFM8
<b>AC-CD1694A-001</b>	AVP DIN 1.0/2.3 Connector, terminate Belden 1694A or equivalent, includes center pin and ferrule	<b>AT-DHX4</b>	Daniels Hand Crimp Tool HX4, to crimp ferrules, all models
<b>AC-CD1694A-100</b>	AVP DIN 1.0/2.3 Connector, 100 pieces, terminate Belden 1694A or equivalent, includes center pins & ferrules	<b>AT-DY1855A</b>	Hex Crimp Die Set Y2000P, to crimp AC-CD1855A ferrule with Daniels HX4/HX23
<b>AC-CD1505A-001</b>	AVP DIN 1.0/2.3 Connector, terminate Belden 1505A or equivalent, includes center pin and ferrule	<b>AT-DY1694A</b>	Hex Crimp Die Set, to crimp AC-CD1694A ferrule with Daniels HX4/HX23
<b>AC-CD1505A-100</b>	AVP DIN 1.0/2.3 Connector, 100 pieces, terminate Belden 1505A or equivalent, includes center pins & ferrules	<b>AT-DY1505A</b>	Hex Crimp Die Set Y2070, to crimp AC-CD1505A ferrule with Daniels HX4/HX23
		<b>AT-P8004</b>	Paladin Hand Crimp Tool 8004
		<b>AT-P2648</b>	Paladin Die Set 2648, use to crimp AC-CD1855A and AC-CD1505A
		<b>AT-P2657</b>	Paladin Die Set 2657, use to crimp AC-CD1694A DIN 1.0/2.3 connectors
		<b>AT-CJG</b>	Optional Centering Jig, used to locate the center pin in connector

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