



Next-generation Commercial Micro-D High-Density Connectors provide 4 times the density of standard D-sub connectors. Ideal solution for providing PCB and packaging space savings. Commercial Micro-D High-Density Connector's rugged housings, reliable field performance and automatic polarization feature ensure an ideal solution for data/communications, industrial automation and commercial applications. Available in right angle (single row and dual stacked) and vertical configurations.

Cable assemblies are available in single-ended, double-ended and double ended Commercial Micro-D to Standard D-sub connectors.

Features and Benefits

High-density 1.27mm center-line spacing

Provide PCB and packaging space savings

Rugged design with a metal interface and grounding tabs

Improved mechanical strength and electrical shield condition

Meets SSA industry standards

Allows for hot-pluggable applications

Micro-D High-Density Connectors



Applications

Commercial Vehicle

- Telematics

Data/Communications

- Hand-held scanner
- Network switching and core routers
- Servers
- Storage

Industrial Automation

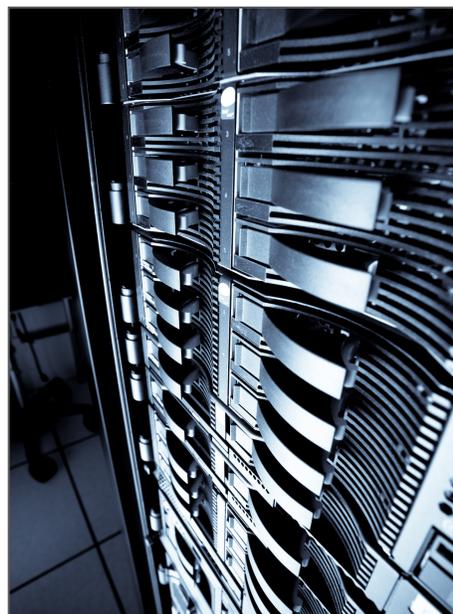
- Machine vision systems
- Motion and process controls
- Pick-and-place robots

Medical

- Patient monitors

Commercial

- Finger print scanners
- Voice recognition systems



Servers

Plugs

Circuits	Mounting Style	Orientation	Jackposts	Order No.
9	Board Mount	Vertical	Yes	83411-9110*
		Right Angle		83611-9006
		Vertical	No	83611-9016
15	Board Mount	Right Angle	Yes	83611-9023
		Vertical		No
		Right Angle	No	83612-9022
25	Board Mount	Vertical	Yes	83612-9024
		Right Angle		No
		Vertical	Yes	83614-9014
		Vertical	Yes	83614-9016

*Requires male terminals

Dual Stacked Plugs

Circuits	Mounting Style	Orientation	Jackposts	Order No.
18	Board Mount	Right Angle	Yes	83619-9003
30				83619-9010
50				83619-9011

Jackpost

Order No.
83041-0005

Molded Cable Assemblies

Circuits	Description	Type	Length (m)	Order No.
9	Commercial Micro D Single-End	Female	0.91	83421-9043
15				83422-9013
25				83424-9020
9	Commercial Micro D-to- Commercial Micro D	Female-to-Female		83421-9050
15				83422-9054
25				83424-9058
9	Commercial Micro D-to- D-Subminiature	Female-to-Male		83421-9037
15				83422-9060
25				83424-9061
9		Female-to-Female		83421-9040
15				83422-9057
25				83424-9064

*Additional cable lengths available on Molex.com.

Cable Receptacle Kits

Circuits	Order No.
9	83421-9014**
15	83422-9014**
25	83424-9014**

**Requires female terminals

Terminals

Packaging	Type	Order No.
Loose	Female	83000-0083
50,000 pc. reel		83000-9503
Loose	Male	83000-9560