

Colored Modular Adapters

Color coded, they help
easily identify different
wiring systems.



FEATURES

- » Adapt DB25 or DB9 RS-232 ports to RJ-45 or RJ-11 modular jacks.
- » Come as unassembled kits.
- » Most adapter kits are available in five colors.

OVERVIEW

Use these color-coded modular adapters to convert DB25 or DB9 RS-232 ports to RJ-45 or RJ-11 modular jacks.

Designed for high-density applications where width between ports is critical, these modular adapters are ultra-slim. Their connector pins, plated with 10 microinches of gold, provide cleaner signal transfer.

Each kit includes a plastic adapter containing leads attached to a socket and a metal male or female connector. Some assembly is required.

The RJ-45 adapters are available with DB25, DB15, or DB9 male or female connectors (with thumbscrews) and an RJ-45 8- or 10-wire socket. Each adapter features 8 or 10 (7 or 9 strands) UL®, 26 AWG, 3-inch-long wire attached to the RJ-45 side. The end of each wire is crimped with a gold-plated crimp pin, ready to be inserted into the DB25, DB15, or DB9 connector.

Pin to your own specs. Installation is simple: Insert the crimped lead to the RJ-45 side into the DB25, DB15, or DB9 side, and snap the DB connector into the plastic adapter.

The RJ-11 adapters go from DB25 or DB9 male or female (with ¼-inch threaded thumbscrews) to an RJ-11 socket. They feature six (with five strands) UL®, 26 AWG, 3-inch-long wires attached to the male or female gold-plated crimp pin, which is inserted into the DB25 or DB9 connector.

Pin these adapters to your own specs. To install, simply insert a crimped lead connected to the RJ-11 6-wire side into the DB side, then snap the DB connector into the plastic adapter.

TECH SPECS

Contacts — Modular pin: Phosphor bronze, 0.00001" gold over 0.0001" nickel plating;

D-sub pin: Phosphor bronze gold flash over 0.00001" nickel plating;

Wire-PVC: Insulated, 26 AWG, 7 x 31 stranded, color-coded, 3" (7.6-cm) long

Contact Resistance — 20 milli-ohms maximum at 1 A

Current Rating — 1 A

Housing — ABS, 94V0

Insulation Resistance — 10 mega-ohms minimum at 500 VDC

Sub Connector — Insulator: PBT plus glass fiber;

Shell: Steel-tin plating

Test Voltage — 1000 VAC (RMS), 1 minute

Voltage Rating — 330 VAC (RMS) at sea level

Item	Code	
Colored Modular Adapters		
RJ-45, 8-Wire	<i>DB25</i>	<i>DB25</i>
	<i>Male</i>	<i>Female</i>
Red	FA4525M-RD	FA4525F-RD
Green	FA4525M-GR	FA4525F-GR
Blue	FA4525M-BL	FA4525F-BL
Yellow	FA4525M-YE	FA743
Gray	FA4525M-GY	FA744
Black	FA4525M-BK	FA4525F-BK
RJ-45, 8-Wire	<i>DB9</i>	<i>DB9</i>
	<i>Male</i>	<i>Female</i>
Red	FA4509M-RD	FA4509F-RD
Green	FA4509M-GR	FA4509F-GR
Blue	FA4509M-BL	FA4509F-BL
Yellow	FA4509M-YE	FA4509F-YE
Gray	FA4509M-GY	FA4509F-GY
Black	FA4509M-BK	FA4509F-BK
RJ-45, 8-Wire	<i>DB15</i>	<i>DB15</i>
	<i>Male</i>	<i>Female</i>
Black	FA4515M-BK	FA4515F-BK
RJ-45, 10-Wire	<i>DB25</i>	<i>DB25</i>
	<i>Male</i>	<i>Female</i>
Gray	FA1011	FA1010
RJ-45, 10-Wire	<i>DB9</i>	<i>DB9</i>
	<i>Male</i>	<i>Female</i>
Gray	FA1013	FA1012
RJ-11, 6-Wire	<i>DB25</i>	<i>DB25</i>
	<i>Male</i>	<i>Female</i>
Red	—	FA745
RJ-11, 6-Wire	<i>DB9</i>	<i>DB9</i>
	<i>Male</i>	<i>Female</i>
Red	FA780	FA784
Green	FA781	FA785
Blue	FA782	FA786
Yellow	FA783	FA787
RJ-11, 4- or 6-Wire	<i>DB25</i>	<i>DB25</i>
	<i>Male</i>	<i>Female</i>
Black	FA024	FA026