



Harsh Environment Connectivity Solutions



Slim Line® Series Cable Mount

Slim-Line® Audio Connectors are a unique series of premium quality connectors featuring interchangeable inserts which allow any plug or receptacle to be male or female. This versatility is valuable in a wide variety of applications: microphones, public address systems, 2-way, CB, ham, and marine radios, audio-visual systems, industrial control and instrumentation, broadcast, security and medical electronics.

Materials

- Receptacle Housings: Die-cast zinc, nickel-plated.
- Cord Plug Housings: Copper alloy, nickel-plated.
- Inserts: Glass-reinforced thermoplastic. UL 94 V-0.
- Female Contacts: Copper alloy, silver-plated, solder lug type.
- Pins: Copper alloy, silver-plated, solder cup type.
- Cable Clamp, Strain Relief, and Mounting Hardware: Steel, plated.
- Latch: Steel, plated.

Electrical

- Current Rating: 5 Amps carry only.

Mounting

- Cord Plugs: Plugs accept cables up to .281 inch (7.14 mm) diameter.
- Receptacles: Flange mount type mounts in panels or chassis up to .188 inches (4.78 mm) thick. .125 inch (3.18 mm) diameter holes accept #4 machine screws or .125 inch (3.18 mm) diameter rivets. Rear and front of panel types mount in "D"-shaped hole in panels or chassis up to .219 inches (5.56 mm) thick. Hex nut (SL01), lockwasher (SL02), and flat washer (SL03) are supplied for mounting.

Cable Clamp and Strain Relief

- Cord Plugs: Plugs are supplied with rugged cable clamps and strain relief springs. Cable clamp serves two valuable functions: to firmly hold cable to prevent pulling or twisting strains on soldered terminations, and as a connecting point for ground (common) or shield when grounding/shielding through the connector is required.

- Receptacles: Receptacles are not supplied standard with cable clamp for strain relief. If grounding/shielding feature is desired, separate Cable Clamp, SL04, is installed on receptacle insert.