

Switchcraft®

U.S. Manufacturer of Industrial and Pro Audio/Broadcast Products Since 1946.



Mega-Con-X Cable Connector

Utilizing a separate o-ring, Mega Con X connectors are available up to 31-#20 pins/sockets. Can be ordered with quick connect type or threaded type coupling. Meets NEMA 6P when mated.

Typical Specifications

- Rating: 0.9 thru 2.3A, 600V
- Conductor Size: 20 thru 24 AWG
- Configuration: 31 - #20 Contacts
- Certification:
 - UL Recognized File #E150822 - 600V AC/DC
 - CSA Certified File #181200 - 600V
 - U.L. Temperature 75°C max.
 - Not for current interruption

Material Specifications

Cable Pin/Socket

- Mechanical Backshell (Threaded): Nylon, UL Recognized, Black
- Strap: Nylon, UL Recognized, Black
- Screws: Stainless Steel
- Grommet: Santoprene Rubber, Black
- Coupling Ring: Nylon, UL Recognized, Black
- Contacts: Brass, Gold over Nickel
- Connector Body: Nylon, UL Recognized, Black
- O-Ring: Neoprene Rubber, Black

Panel Mount

- Contacts: Brass, Gold over Nickel
- Panel Body: Nylon, UL Recognized, Black
- Gasket: Neoprene Rubber, Black
- Hex Nut: Nylon, UL Recognized, Black
- Gasket, O-Ring, & Grommet materials are suitable for storage -40°C to +90°C (-40°F to +194°F).
- Consult factory for higher temperature requirements.

Mechanical Specifications

- Durability: Minimum 300 mate/unmate cycles without mechanical or electrical failure
- Vibration: Coupling rings have overriding locking feature to prevent loosening or separation of connector
- Hex Nut Torque: All series hex nut to withstand 10-12 inch/lb tightening torque

Electrical Specifications

- Voltage: 600V
- Current: See Electrical Current Rating Chart

Environmental Specifications

- Storage Temperature Rating: -40°C to +115°C (-40°F to +239°F)
- Corrosion: 300 Hr salt spray contacts
- Weathertight: Consult factory with specific application

Molded Cable Assemblies

- Watertight: NEMA 6P, 13: IEC IP67