



Harsh Environment Connectivity Solutions



Data-Con-X® Sealed Mini USB Cables

Sealed to IP67 & IP68 NEMA 250 (6P) when mated. Sealed Mini USB Cables are easy to assemble and have a quick connect bayonet style interface. Sealed Mini USB Cables are ideal for any sealed data transmission, military, gps and medical applications. RoHS compliant.

Mechanical Specifications

Life: 500 Insertion/ Withdrawal Cycles Minimum
 Vibration: Mil-Std 202G Method 201A
 Coupling Locking Style: Quick Connect (Bayonet)

Electrical Specifications

Tested Per USB 2.0 Specifications

Environmental Specifications

Operating Temperature Rating: -20 °C to +75 °C (-4°F to +167°F)
 Moisture Resistance: Mil-Std 202G Method 106G
 Insulation Resistance: Mil-Std 202G Method 302
 Thermal Shock: Mil-Std 202G Method 107G
 Salt Atmosphere (Corrosion): Mil-Std 202G Method 101E
 Weathertight: IP67 & IP68, NEMA 250 (6P) (when mated)

Material Specifications

Coupling Nut: Thermoplastic
 O-Ring: Elastomer
 Overmold Body & Flex Relief: Thermoplastic
 USB A, Mini-B, Mini-A Plugs:
 Insulator: Thermoplastic UL94V-0, Black
 Contacts: Copper Alloy, Gold Plated (Contact Area)
 Metal Shield: Steel, Nickel Plated

Other

Recommended Panel Thickness: 0.031-0.187 inches [0.8mm-4.8mm]