



Harsh Environment Connectivity Solutions



AA SERIES FEMALE

AA Series XLR connectors with cable crimp strain relief.

ELECTRICAL

Contact Resistance: 50 milliohm maximum, per pole.

Current Rating: 3 pole - 15A, 4 pole - 10A, 5 and 6 pole - 7.5A, 7 pole - 5A @ 125VAC.

Insulation Resistance: 1,000 M(omega), minimum.

Dielectric Withstanding Voltage: 1,000 V (rms).

Capacitance: 2 pF between pins and 4 pF between pins and shell, maximum (AA3M and AA3F).

MECHANICAL

Insertion/Withdrawal Forces: 7 pound maximum, 5 pound nominal, insertion; 7 pound maximum, 5 pound nominal, withdrawal.

Wire Size: #12 wire gauge solid; #14 wire gauge stranded (3 contact). #14 wire gauge solid; #16 wire gauge stranded (4 contact). #16 wire gauge solid; #18 wire gauge stranded (5 and 6 contact). #18 wire gauge solid; #20 stranded (7 contact).

MATERIAL

Q-G Connectors

Shell: Die-cast zinc. Satin nickel finish, black velvet.

Insert Insulation: Molded thermoplastic.

Socket Contacts: Silver-plated copper alloy tarnish-resistant; bifurcated on 3-contact type. Gold is available

Pin Contacts: Silver-plated copper alloy. Resists tarnishing, and provide excellent electrical conductivity. Gold is available.

Latchlock: High-strength die-cast zinc.

Latch Release: Steel, nickel-plated.

Latch Detent: Formed stainless steel.

Insert Screw: Stainless steel.

Flex Relief: TPR (thermoplastic rubber).