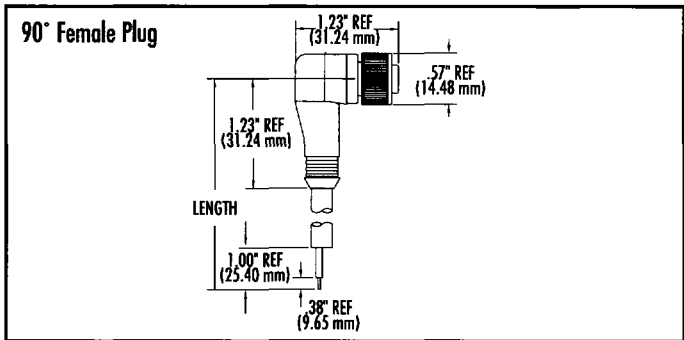
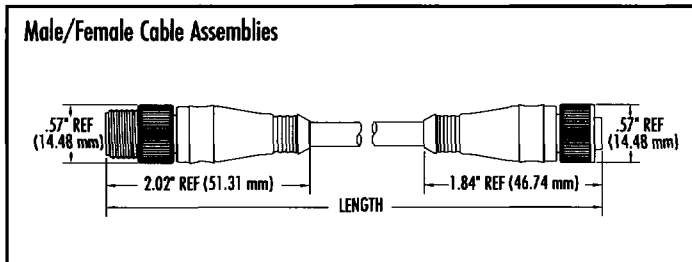


Micro-Change® Single Keyway Plugs and Cable Assemblies

Product Specifications

| | | |
|--|--|--|
| MECHANICAL PLUG FACE MATERIAL: MOLDED BODY MATERIAL: CONTACT MATERIAL: CONTACT PLATING: COUPLING NUT MATERIAL: O-RING: CABLE TYPE(S): CABLE STRANDING: CABLE DIAMETER: | NYLON 6/6 PVC COPPER ALLOY GOLD - 5µ IN. (MIN) PALLADIUM/NICKEL - 20µ IN. (MIN) ZINC DIECAST EPOXY-COAT (ALSO AVAILABLE IN STAINLESS STEEL OR NON-METALLIC) NITRILE RUBBER 22 AWG BRAIDED: PVC INSULATED, METALLIC BRAID, STRANDED COPPER CONDUCTORS, YELLOW PVC JACKETED, 300V, 105°C, UL RECOGNIZED, CSA CERTIFIED 22 AWG NON-BRAIDED: PVC INSULATED, STRANDED COPPER CONDUCTORS, YELLOW PVC JACKETED, 300V, 90°C, UL RECOGNIZED, CSA CERTIFIED (SEE CABLE MATRIX ON PAGE 133 FOR OTHER AVAILABLE CABLE TYPES) 26 X #36 22 AWG/BRAIDED: 22 AWG/NON-BRAIDED: 3/C - .23" 3/C - .18" 4/C - .25" 4/C - .20" 5/C - .26" 5/C - .21" | CABLE STRAIN RELIEF: 35 POUNDS MIN. PER UL STD. 514 ELECTRICAL VOLTAGE RATING: 3/4 POLE - 300VDC; 5 POLE - 30VDC CURRENT RATING: 4A CONTACT RESISTANCE: ≤5mΩ, (AFTER 500 MATE/UNMATE CYCLES - PER MIL STD. 1344, 3004.1) ≥1000MΩ ISOLATION RESISTANCE: ≥1000MΩ ENVIRONMENTAL PROTECTION: IP 68, NEMA 6P - PER NEMA STD. 250 AMBIENT OPERATING TEMP: -20° TO +105°C CORROSION RESISTANCE: 500 HOUR SALT SPRAY - PER MIL STD. 202F VIBRATION RESISTANCE: 10 - 500 HZ @ 10g - PER MIL STD. 202F, 204D, CONDITION A HIGH PRESSURE WATER SPRAY: 1000 PSI CERTIFICATIONS UL: UL LISTED, FILE NO. E152210 CSA: CSA CERTIFIED, FILE NO. LR6837 VDE: SPACINGS TO VDE 0110 GROUP C (250VAC/300VDC) (3/4 POLE) |
|--|--|--|



PLUGS AND CABLE ASSEMBLIES WITH 22 AWG CABLE

| POLES | FACE VIEW MALE | WIRING CODE | DESCRIPTION | CABLE LENGTH ft/meters (m) | FEMALE STRAIGHT* | FEMALE 90°* | MALE PLUG WITH EXTERNAL THREADS | MALE/FEMALE CABLE ASSEMBLY** |
|-------|----------------|---|---|-------------------------------|------------------|---------------|---------------------------------|------------------------------|
| 3 | | 1-BROWN 2-NOT USED 3-BLUE 4-BLACK | STANDARD CABLE ASSEMBLY (W/O BRAID) 22 AWG 90°C | 6.56ft/2m | 803000A09M020 | 803001A09M020 | 803006A09M020 | 883030A09M020 |
| | | | 13.12ft/4m | 803000A09M040 | 803001A09M040 | 803006A09M040 | 883030A09M040 | |
| | | | 16.4ft/5m | 803000A09M050 | 803001A09M050 | 803006A09M050 | 883030A09M050 | |
| | | | BRAIDED CABLE ASSEMBLY 22 AWG 105°C | 6.56ft/2m | 803000D01M020 | 803001D01M020 | 803006D01M020 | 883030D01M020 |
| | | | 13.12ft/4m | 803000D01M040 | 803001D01M040 | 803006D01M040 | 883030D01M040 | |
| | | | 16.4ft/5m | 803000D01M050 | 803001D01M050 | 803006D01M050 | 883030D01M050 | |
| 4 | | 1-BROWN 2-WHITE 3-BLUE 4-BLACK | STANDARD CABLE ASSEMBLY (W/O BRAID) 22 AWG 90°C | 6.56ft/2m | 804000A09M020 | 804001A09M020 | 804006A09M020 | 884030A09M020 |
| | | | 13.12ft/4m | 804000A09M040 | 804001A09M040 | 804006A09M040 | 884030A09M040 | |
| | | | 16.4ft/5m | 804000A09M050 | 804001A09M050 | 804006A09M050 | 884030A09M050 | |
| | | | BRAIDED CABLE ASSEMBLY 22 AWG 105°C | 6.56ft/2m | 804000D01M020 | 804001D01M020 | 804006D01M020 | 884030D01M020 |
| | | | 13.12ft/4m | 804000D01M040 | 804001D01M040 | 804006D01M040 | 884030D01M040 | |
| | | | 16.4ft/5m | 804000D01M050 | 804001D01M050 | 804006D01M050 | 884030D01M050 | |
| 5 | | 1-BROWN 2-WHITE 3-BLUE 4-BLACK 5-GRAY | STANDARD CABLE ASSEMBLY (W/O BRAID) 22 AWG 90°C | 6.56ft/2m | 805000A09M020 | 805001A09M020 | 805006A09M020 | 885030A09M020 |
| | | | 13.12ft/4m | 805000A09M040 | 805001A09M040 | 805006A09M040 | 885030A09M040 | |
| | | | 16.4ft/5m | 805000A09M050 | 805001A09M050 | 805006A09M050 | 885030A09M050 | |
| | | | BRAIDED CABLE ASSEMBLY 22 AWG 105°C | 6.56ft/2m | 805000D01M020 | 805001D01M020 | 805006D01M020 | 885030D01M020 |
| | | | 13.12ft/4m | 805000D01M040 | 805001D01M040 | 805006D01M040 | 885030D01M040 | |
| | | | 16.4ft/5m | 805000D01M050 | 805001D01M050 | 805006D01M050 | 885030D01M050 | |

* Plugs have internal thread coupling nut ** Male coupling has external thread