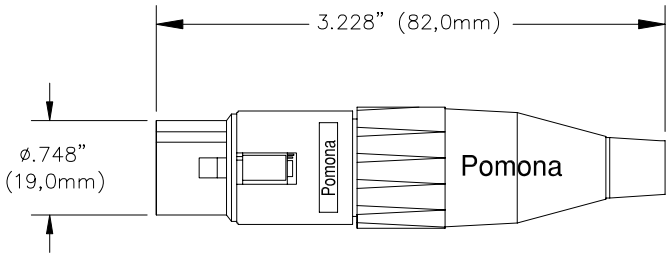
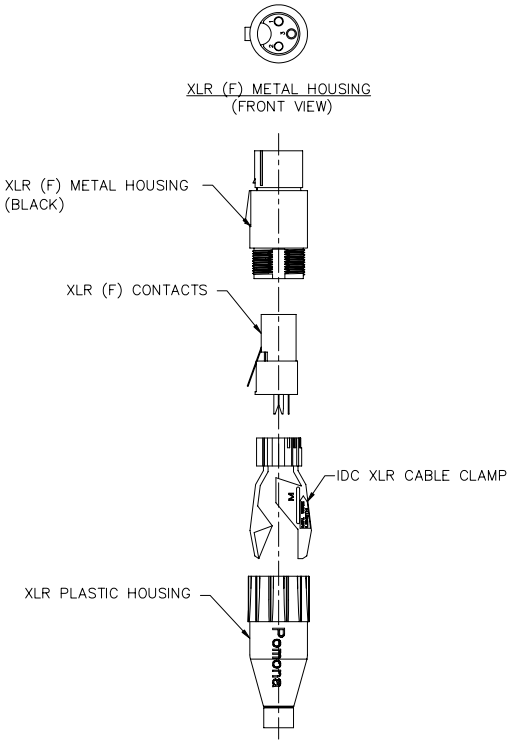
Pomona ELECTRONICS

Technical Data Sheet

# Models 7276
# 3-Pin XLR (F), IDC, Silver, Black Nickel Shell

*Model 7276 3-PIN XLR (F), IDC, silver contact, black nickel shell*




## Use to dramatically reduce your audio system support costs.

## Features

- IDC. Insulation displacement technology means no soldering required.
- **Pull strength is 100 pounds**
- Handles 24 AWG cable
- Black and silver streamlined profile with compact shell. Rugged construction
- Robust design. Number of insertions is at least 1000 mating cycles

## Materials

- Body is diecast zinc alloy with tarnish resistant black polyester finish.
- Back shell is thermoplastic UL94V-0 modified PPE resin.
- Contacts are tin-plated phosphor bronze.
- Cable clamp is UL94V-0 modified PPO resin.
- Cable bushing is thermoplastic polyurethane.

## Specifications

| | |
|---|---|
| Mating cycles | 1000 |
| Dielectric strength | 1400 V dc |
| AWG | 24 AWG |
| Pull strength | Up to 100 lbs. |
| Cable O.D. range | 3mm to 5.85 mm |
| Contact resistance | ≤ 3 mΩ typical |
| Insulation resistance | ≥ 1 GΩ |
| Protection class | IP40 |
| Operating temperature | -25 ˚C to +75 ˚C |

## Ordering Information

Model: 7276

**USA:** Sales: 800-490-2361 Technical Support: 800-241-2060 Fax: 888-403-3360

**Europe:** 31-(0) 40 2675 150 **International**: 425-446-5500

**e-mail:** technicalsupport@pomonatest.com

**Where to Buy:** www.pomonaelectronics.com

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (,51 mm), .xxx = ± .005" (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

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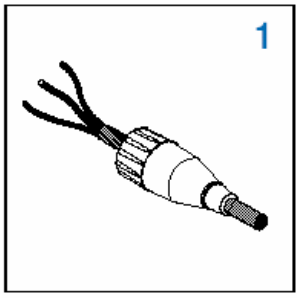
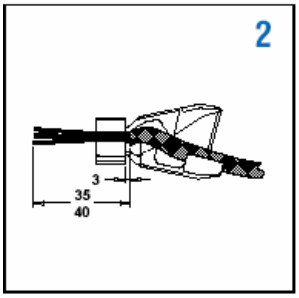
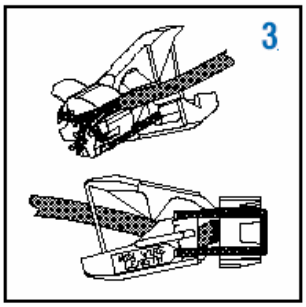
## Cable Assembly Instructions



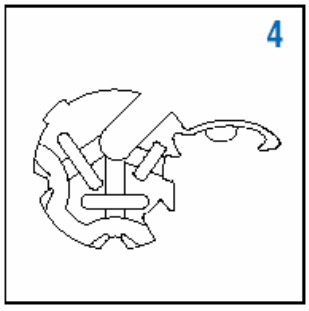

Push the cable through the boot assembly and strip the cable back 35 to 40 mm. Twist the shield wire.



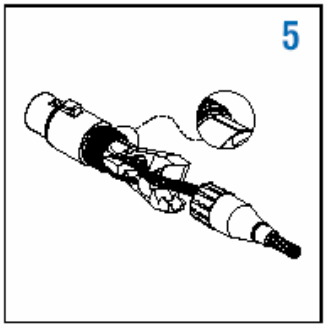

Fit the cable into the 'Jaws' cable clamp ensuring that the cable is pushed up to the neck of the clamp within 3mm.



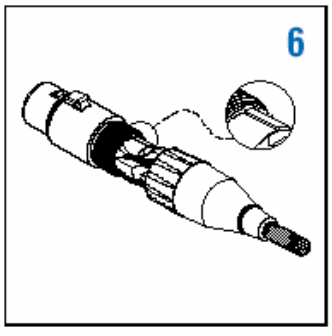

Pull back the conductors into their individual wire guidetracks. Note: Two spring fingers in the clamp will hold the conductors in position during subsequent operations. The ends of the two insulated wires must be on or past the minimum wire length mark.




For ground protection the twisted shield wire is clipped in place with the ground protect flap.




Trim back the shield wire, so there are no wires coming out of the flap and fit the 'Jaws' cable clamp into the shell assembly, ensuring the keyways are aligned.




Close the cable clamp slightly and push the boot over the clamp ensuring the wires fit inside the boot.

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