

- 11) If the cable is sleeved, pull it close to the backshell, then screw the cable clamp to the backshell pursuant to Table 7 on page 21.
- 12) Tighten the saddle clamp screws to help assure a sufficiently tight mechanical grip on the cable.

MULTIPLE RUBBER-COATED CABLES

Figure 16: Plug Example

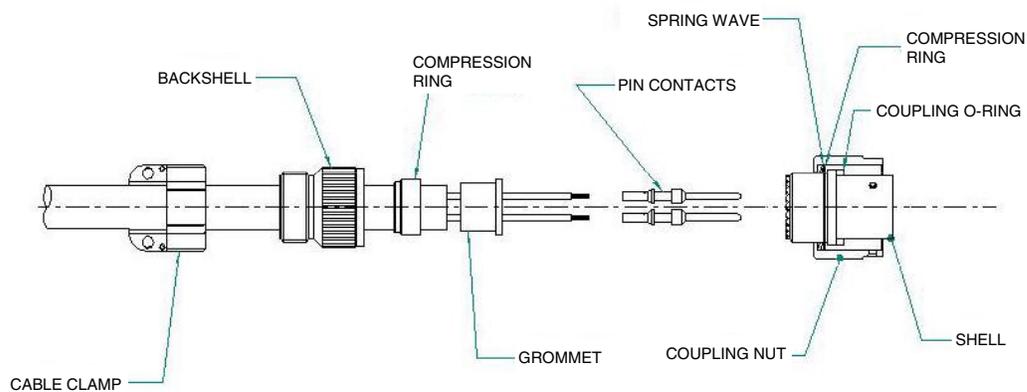
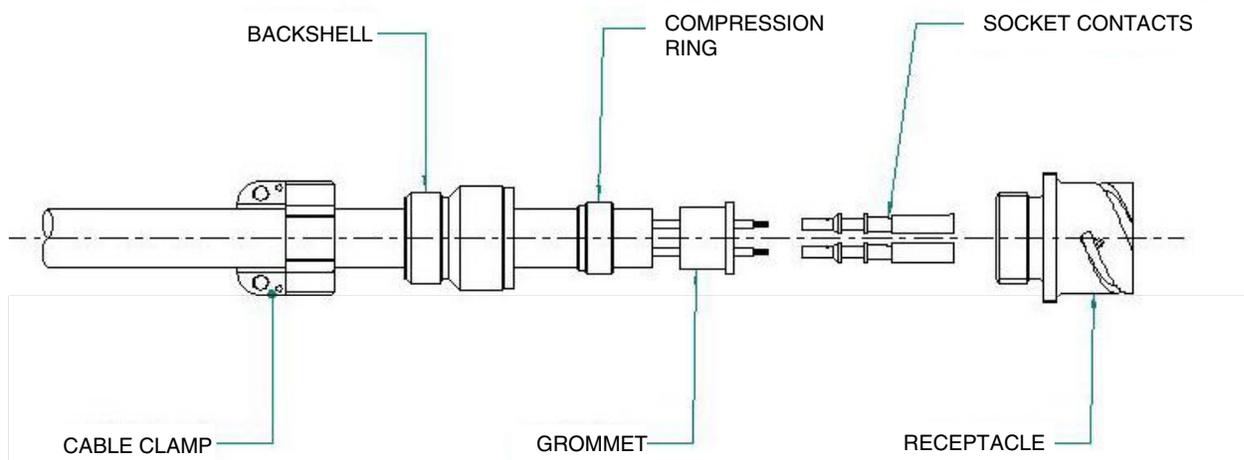
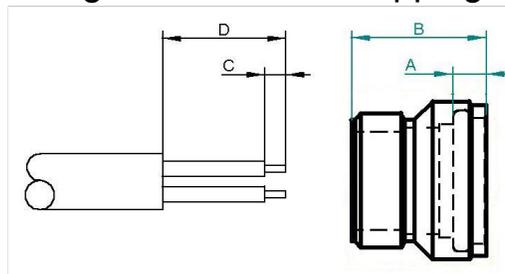


Figure 17: Receptacle Example



- 1) Strip the cable as shown in figure 18.

Figure 18: Cable Stripping



$$D = B - A$$

- 2) Assemble the components as shown in figures 16 and 17 on page 22.
- 3) Insert conductors in grommet when required. Take care to properly align letters or numbers imprinted on the backside with those imprinted on the front of the insert.
- 4) Cut the cable jacketing (Figure 18) and insulator pursuant to Table 2 (page 10) using the correct tool and be careful to not cut any individual wire strands. Strip length for jacket must be maximized to allow sufficient “working room.” Use care in removing jacket and any cable filler
- 5) Begin crimping the contacts (see pages 13-15), or soldering the contacts (see pages 10-12).
- 6) Follow the instructions on pages 16-19 for inserting crimped contacts.
- 7) If you use lubricant to facilitate contact insertion, carefully clean the insulating parts (use only isopropyl alcohol as a lubricant).
- 8) Assemble the components in the following manner:
 - 8.1) PLUG
In sequence, place the the flat washer, wave washer and coupling nut onto the connector and attach the connector to its fixed and secure mate to fixture to facilitate the assembly.
 - 8.2) RECEPTACLE
Lock the flange taking care to not damage it.

- 9) In sequence assemble the grommet and compression ring behind the insert.
- 10) Make sure the backshell O-Ring is in the correct position.
- 11) Screw the backshell onto the connector using cushioned pliers (P/N: M120002) or a strap wrench (P/N: M120001) to avoid damaging the external plating. For correct torque, consult Table 7 on page 21.
- 12) If using a jacketed cable, pull the jacket close to the backshell then tighten the cable clamp onto the backshell, using cushioned pliers (P/N: M120002) or a strap wrench (P/N: M120001) to avoid damaging the external plating. For correct torque, consult Table 7 on page 21.
- 13) Tighten the saddle clamp screws (if required) to help assure a sufficient mechanical grip on the cable.

CABLES WITH BRAIDED SHIELDING

Termination of braided shielding of cables is required when EMI/RFI protection is necessary. Employ the following procedure for terminating such cables:

TYPE RG CONNECTORS
Figure 19: Plug Example

