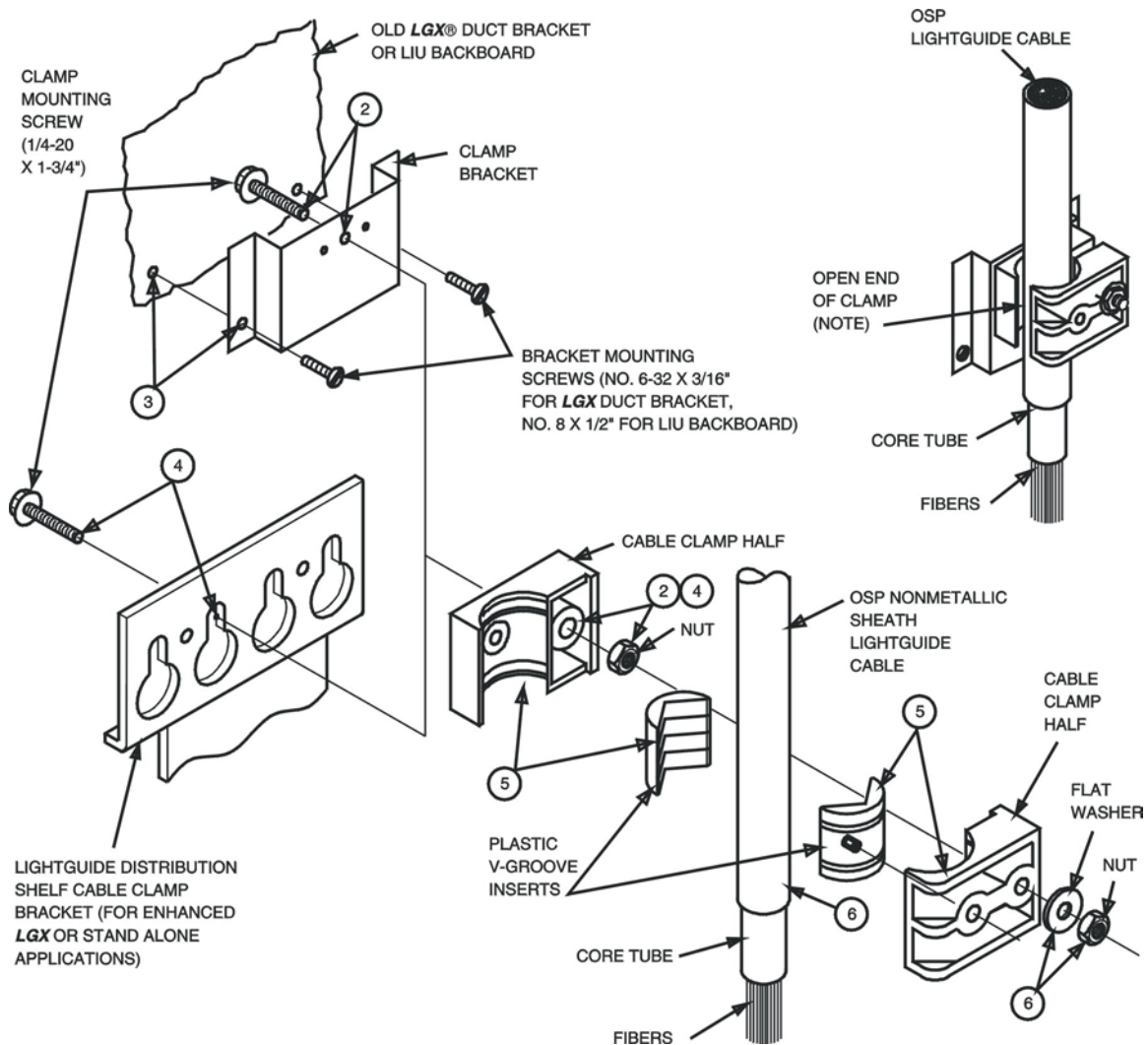


**12A2 CABLE CLAMP
INSTALLATION FOR
NONMETALLIC SHEATH
LIGHTGUIDE CABLES**

12A2 CABLE CLAMP INSTALLED ON NONMETTALIC TYPE SHEATH LIGHTGUIDE CABLE



1. When installing 12A2 clamp directly to LG distribution shelf bracket, proceed to Step 4. When installing clamp on old LGX duct bracket or LIU backboard, proceed to Step 2.
2. Insert 1/4-20 by 1-3/4 inch mounting screw through center hole in clamp bracket and one cable clamp half. Install nut in clamp half and tighten screw.
3. Install clamp bracket to LGX duct bracket using two 6-32 by 3/16-inch screws or to LIU backboard using two No. 8 by 1/2-inch screws. Proceed to Step 5.
4. Insert 1/4-20 by 1-3/4 inch mounting screw through clamp mounting hole in distribution shelf bracket and one cable clamp half. Install nut in clamp half and tighten screw.

636-299-110-04
Instruction Sheet

5. For cables:

- Under .40 inches (10 mm) OD - Build up cable diameter with tape to approximately .40 inches (10 mm) and use two V-Groove inserts.
- .40 to .59 inches (10 to 15 mm) OD - Use two V-Groove inserts.
- .60 to .74 inches (15 to 19 mm) OD - Use one V-Groove and one 3/4-inch (19mm) insert.
- .75 to .90 inches (19 to 23 mm) OD - No inserts required.

6. Place Outside Plant (OSP) cable into cable clamps. Install cable clamp retaining washer and nut. Tighten nut using 216-type tool.

Note: First OSP cable clamped to any LGX duct or shelf bracket should have open end of cable clamp facing front of frame. Second cable clamped to that position would have clamp facing opposite direction or rear. One clamp bracket would be inverted compared to second bracket at old LGX duct bracket. Also refer to LGX cabling instruction sheets 845625433 (old LGX) or 845866391 (enhanced LGA).
Developed by Lucent Technologies