

OSP Cable Reel Handling and Storage

Shipping and Transport

- All reels must be shipped upright. Shipping the reel on its side can cause damage to the reel flange and/or cause the cable layers to shift. This may cause damage to the cable by causing it to snag during payoff.
- Reels must be moved upright by lifting the cable with a fork lift or reel mover. The forks must be placed under the reel with the forks always perpendicular to the reel flange.



Storage and Handling

- Reels must be stored upright. Reels must not be stored on their sides.
- Store reels in areas with flat, solid surfaces. Use appropriate devices to prevent reel movement. Avoid storage areas that are susceptible to flooding, or that could be hazardous to the cable, such as sharp, rocky terrain.
- If reels are to be rolled, they should be rolled in the direction of the arrow on the reel. Rolling reels in the opposite direction may cause the cable to become loose and cause difficulty in installation.
- The reel should not be dragged or pushed even for short distances as the flange of the reel may break or be damaged. Communication cable reels should be lifted completely or rolled for moving.
- Cable end caps should remain in place until installation.



Installation

- The reel must remain in an upright position for paying off the cable.
- All safety precautions for securing the reel prior to placing should be followed.
- Prior to removal of the cable from the reel, the reel flanges should be examined for splinters or protruding nails, staples, etc. that could damage the jacket of the cable as it is being unreeled.
- Cable should be dispensed from the reel in the direction of the arrow on the reel and should be fed from the top of the reel.
- Cable end caps should be installed/replaced on all cable ends.



Other Reels

- Cables (including cuts and remnants) that are transferred to other reels should be wound onto communications cable reels of sufficient size and substance to accommodate the cable and the environment. In general, compare to the original reel, adjusting for cable length if needed. If in doubt, contact Superior Essex Technical Support at 877-263-2818 for specific recommendations.
- Thermal wrap may be used to protect cables from exposure to direct sunlight, if desired.
- Cable end caps should be installed on all cable ends.
- Both cable ends should be secured.
- Follow all above recommendations for shipping and transport, storage and handling, and installation.