

## TMS / ITS - Approved Products List

### Outdoor Fiber Splice Enclosure- Split Case Style

- A.** The enclosure shall be a non-filled re-enterable type designed for splicing both filled and non-filled fiber optic cables; suitable for below grade and direct burial use and be chemical resistant having the following characteristics:
1. An operational temperature rating of -40 to +60 C (-40 to 140 °F) or better.
  2. All hardware is stainless steel.
  3. Expandable to allow for up to 8 cables to enter through one end using manufacturer provided expansion kits.
  4. Provides strain relief for both cable jacket and strength members.
  5. Includes plugs for unused cable ports.
  6. Utilizes a one piece, re-usable rubber gasket for sealing between each split section.
  7. Contains a Schrader valve to provide a pressurized flash test.
  8. Protects splices from damage.
  9. Composed of salt corrosion resistant, compatible materials not supporting galvanic cell action.
  10. Provides multiple feed through grounding posts necessary for grounding cable armor. Each post must accept a No.6 AWG copper grounding conductor.
  11. Typical inside dimensions are: 16.4" long, 5.5' wide, 3.7" depth. Depth increases by approximately 1.5" for each expansion kit.
- B.** The unexpanded enclosure shall accommodate up to 9 splice trays that meet the following characteristics:
1. Made of a plastic material.
  2. Are stackable.
  3. Each tray has ability to be accessed without disassembly of the others
  4. Capable of holding 8 buffer tubes, 24 splices.
  5. Have snap- on hinge type covers with manufacturer provided labels for fiber identification.
  6. Includes polyethylene transition tubes to protect the fibers and ethylene vinyl acetate sleeves with stainless steel rods to protect the splices.